

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026801.D
 Acq On : 22 Aug 2023 15:25
 Operator : SY/MD
 Sample : 04108-03MS
 Misc : 4.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:30:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	525400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	484354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	228185	26.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.680%	
7) Chloroethane-d5	2.893	69	178859	27.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.400%	
11) 1,1-Dichloroethene-d2	4.027	65	129261	30.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 121.720%#	
21) 2-Butanone-d5	7.075	46	177796	71.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 143.240%#	
24) Chloroform-d	7.648	84	553581	31.393	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 125.560%	
26) 1,2-Dichloroethane-d4	8.545	65	144	0.015	ug/L	0.24
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.040%#	
32) Benzene-d6	8.270	84	1147310	34.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 137.480%#	
36) 1,2-Dichloropropane-d6	9.270	67	346717	33.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 133.360%#	
41) Toluene-d8	10.325	98	983969	34.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 137.360%#	
43) trans-1,3-Dichloroprop...	10.575	79	150011	34.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 139.760%#	
47) 2-Hexanone-d5	10.922	63	97845	89.554	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 179.100%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	313417	38.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 152.680%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	280983	32.463	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 129.840%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	96073	13.449	ug/L #	86
3) Chloromethane	2.223	50	99582	10.195	ug/L	98
5) Vinyl chloride	2.381	62	110602	11.844	ug/L	95
6) Bromomethane	2.783	94	65493	12.038	ug/L	97
8) Chloroethane	2.930	64	64350	11.501	ug/L	97
9) Trichlorofluoromethane	3.259	101	90369	11.793	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100920	12.192	ug/L	93
13) Acetone	4.119	43	60149	24.369	ug/L	96
14) Carbon disulfide	4.393	76	343803	12.306	ug/L	99
15) Methyl Acetate	4.667	43	78831	15.944	ug/L	97
16) Methylene chloride	4.923	84	143699	14.139	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	116507	13.444	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	201557	15.372	ug/L	98
19) 1,1-Dichloroethane	6.216	63	240467	13.482	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	129331	13.885	ug/L	94
22) 2-Butanone	7.167	43	105705	29.060	ug/L	95
23) Bromochloromethane	7.514	128	59918	14.892	ug/L	93
25) Chloroform	7.679	83	235696	13.679	ug/L	97
27) 1,2-Dichloroethane	8.398	62	174541	14.520	ug/L	100

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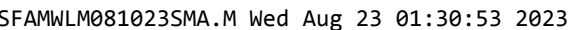
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 ClientSampleId :

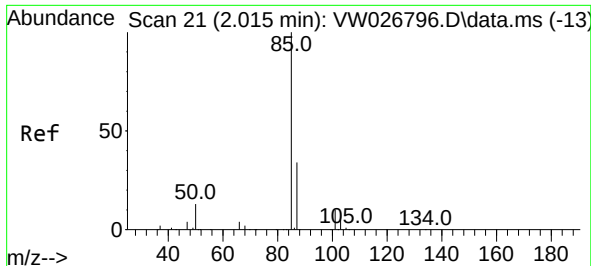
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 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	162992	10.882	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	183595	14.524	ug/L	98
31) Carbon tetrachloride	8.069	117	164542	14.236	ug/L	96
33) Benzene	8.325	78	519778	14.736	ug/L	100
34) Trichloroethene	9.087	95	125023	13.917	ug/L	94
35) Methylcyclohexane	9.337	83	141079	9.180	ug/L	99
37) 1,2-Dichloropropane	9.368	63	137016	14.182	ug/L	98
38) Bromodichloromethane	9.642	83	167040	14.738	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	216421	15.571	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	217442	34.600	ug/L	97
42) Toluene	10.386	91	524979	14.713	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	191400	15.999	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	105319	15.939	ug/L	96
46) Tetrachloroethene	10.861	164	318868	48.858	ug/L	95
48) 2-Hexanone	10.965	43	154086	36.033	ug/L	97
49) Dibromochloromethane	11.129	129	109598	15.859	ug/L	90
50) 1,2-Dibromoethane	11.233	107	99181	15.998	ug/L	94
51) Chlorobenzene	11.654	112	314104	13.936	ug/L	99
52) Ethylbenzene	11.727	91	529841	13.242	ug/L	97
53) m,p-Xylene	11.837	106	198485	13.390	ug/L	97
54) o-Xylene	12.166	106	187121	13.526	ug/L	91
55) Styrene	12.178	104	354334	14.730	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	138976	16.608	ug/L	97
59) Bromoform	12.349	173	67796	17.897	ug/L	97
60) Isopropylbenzene	12.465	105	469737	13.065	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	104725	17.853	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356086	12.530	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	360059	12.930	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	215092	13.756	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	219871	13.474	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	204794	14.403	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	24332	17.206	ug/L	89
69) 1,3,5-Trichlorobenzene	14.629	180	103268	9.776	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	93448	10.433	ug/L	97
71) Naphthalene	15.360	128	248376	14.538	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92446	11.443	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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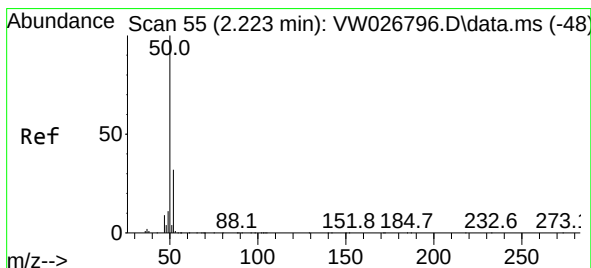
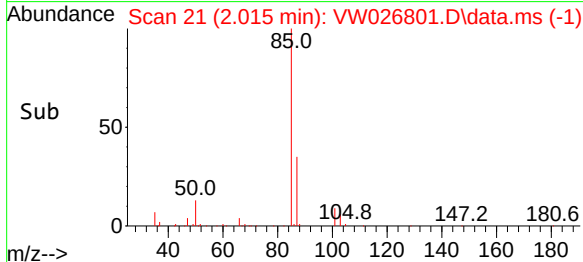
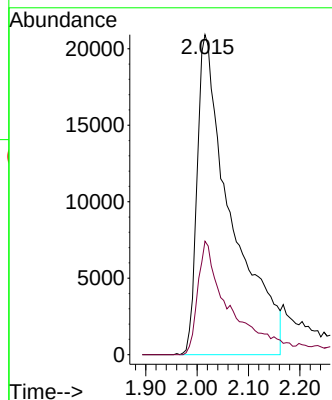
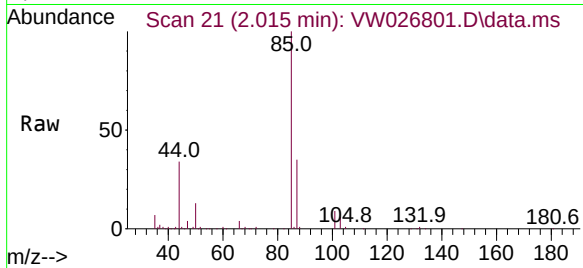




#2
 Dichlorodifluoromethane
 Concen: 13.449 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

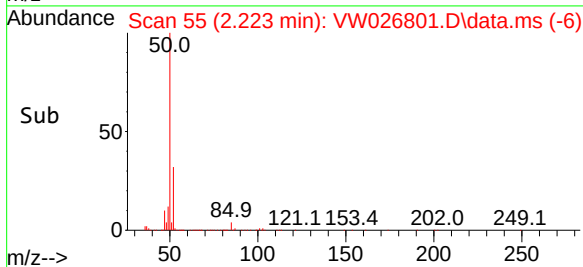
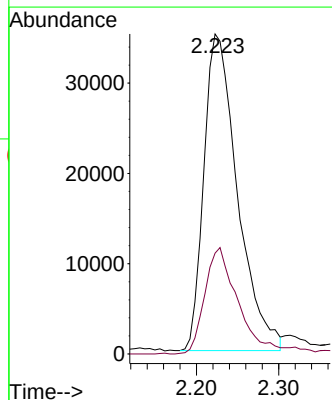
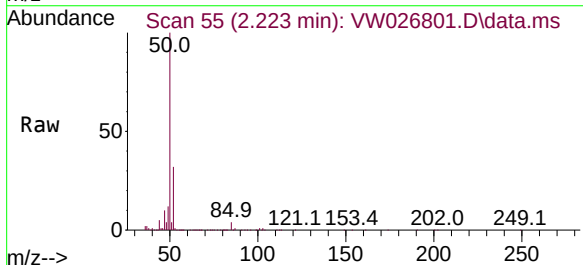
Instrument :
 MSVOA_W
 ClientSampleId :

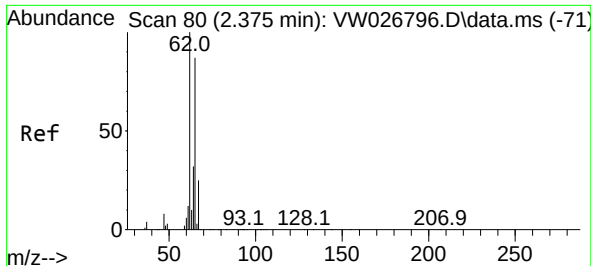
Tgt Ion: 85 Resp: 96073
 Ion Ratio Lower Upper
 85 100
 87 31.5 19.5 29.3#



#3
 Chloromethane
 Concen: 10.195 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Tgt Ion: 50 Resp: 99582
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.0 42.8

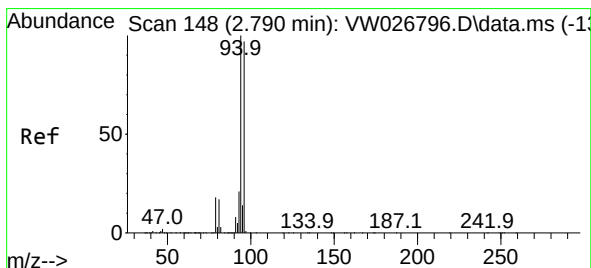
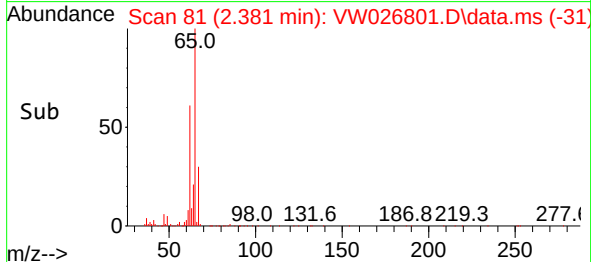
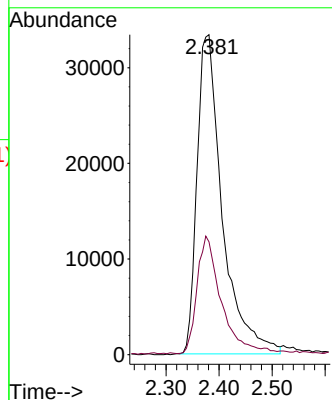
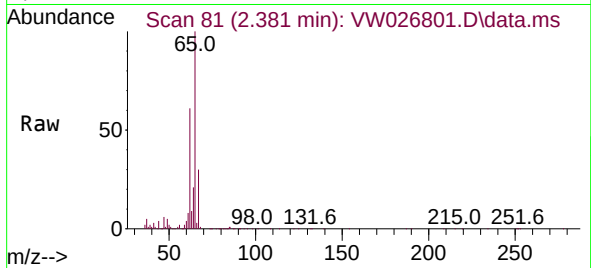




#5
 Vinyl chloride
 Concen: 11.844 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

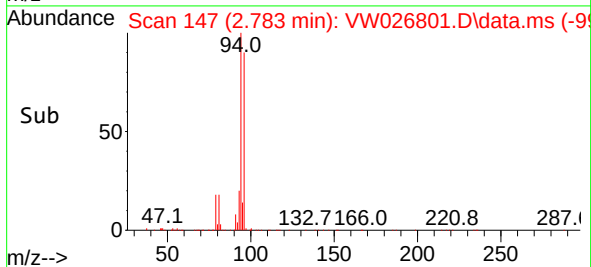
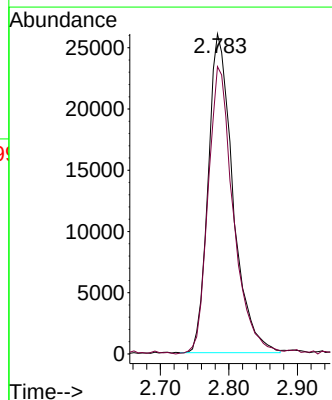
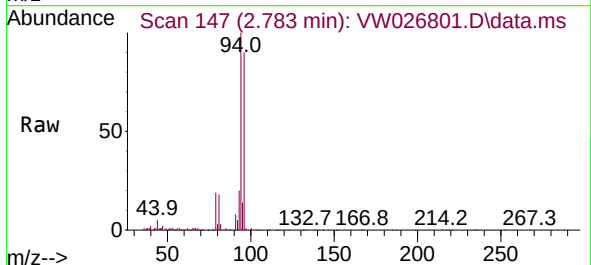
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 ClientSampleId :

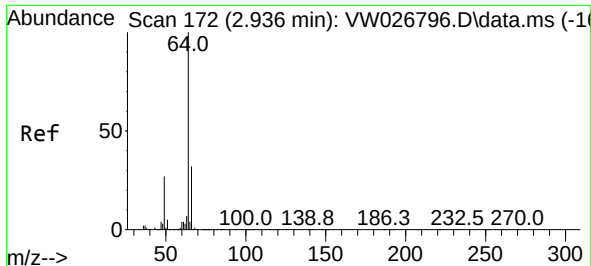
Tgt Ion: 62 Resp: 110602
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.7 42.3



#6
 Bromomethane
 Concen: 12.038 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Tgt Ion: 94 Resp: 65493
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.8 120.3

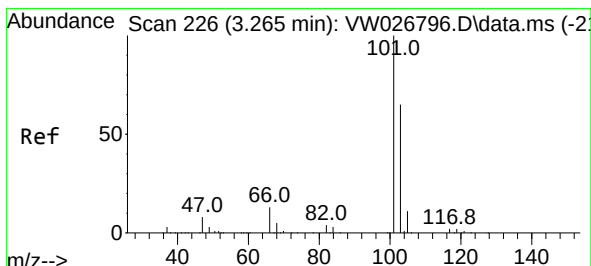
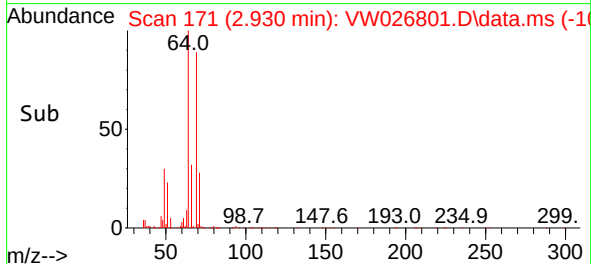
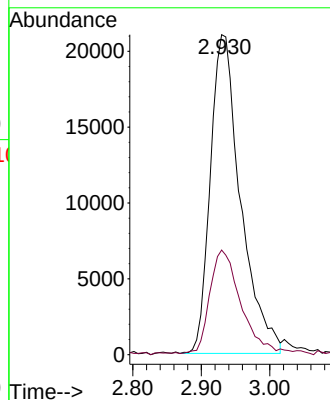
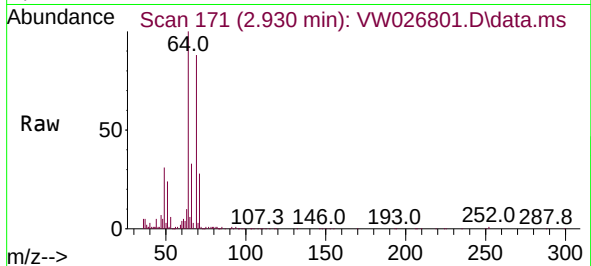




#8
Chloroethane
Concen: 11.501 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

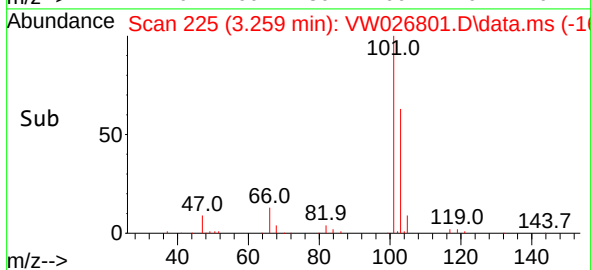
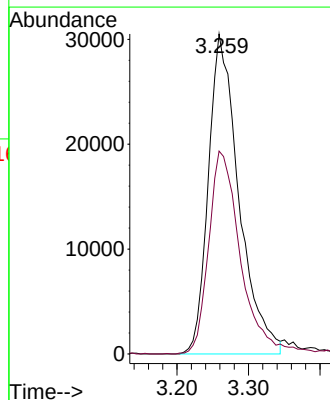
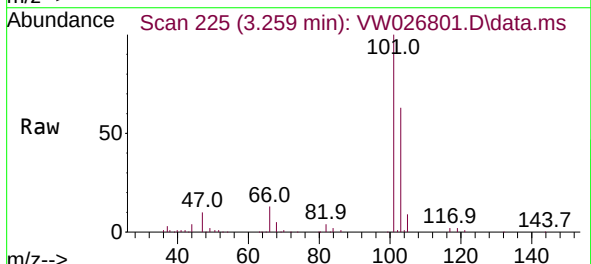
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ClientSampleId :

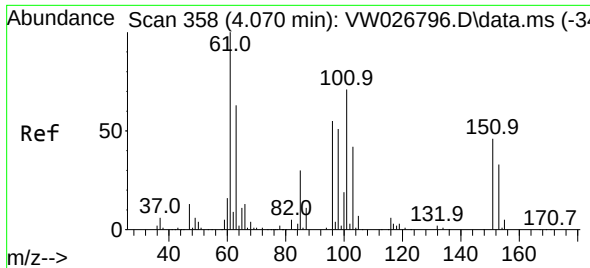
Tgt Ion: 64 Resp: 64350
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 11.793 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 101 Resp: 90369
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9

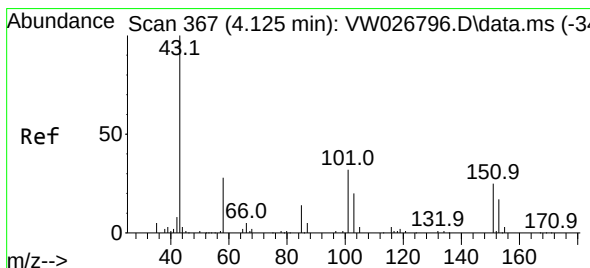
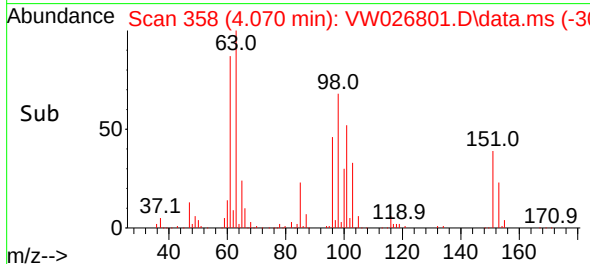
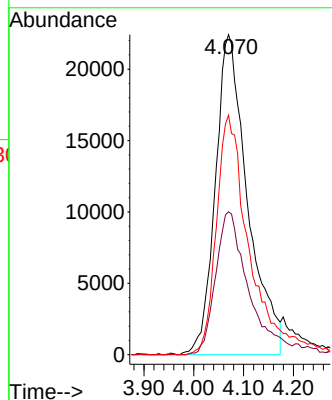
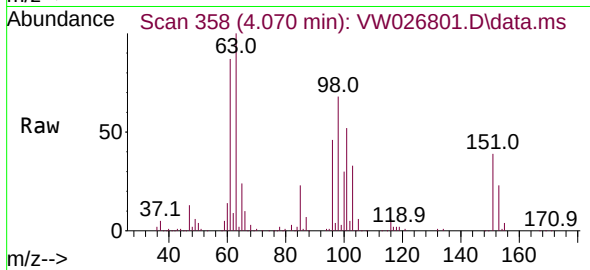




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.192 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

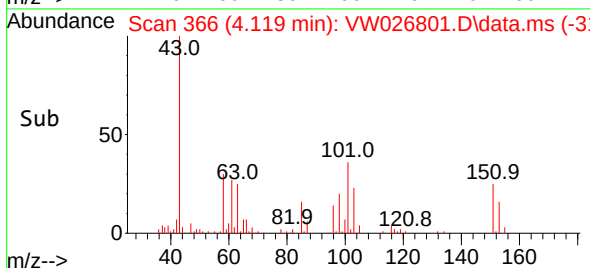
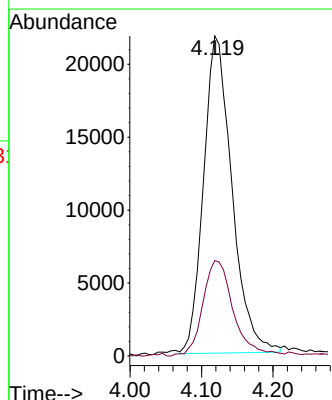
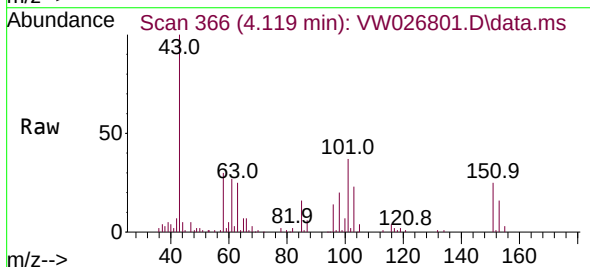
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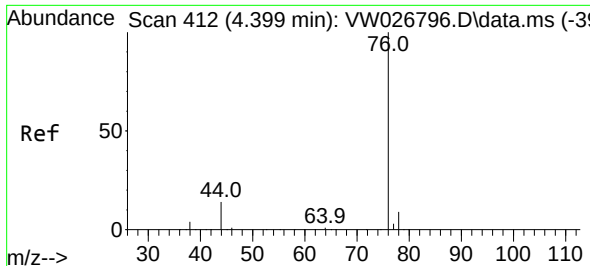
Tgt Ion:101 Resp: 100920
 Ion Ratio Lower Upper
 101 100
 85 45.4 32.8 49.2
 151 73.4 54.4 81.6



#13
 Acetone
 Concen: 24.369 ug/L
 RT: 4.119 min Scan# 366
 Delta R.T. -0.006 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Tgt Ion: 43 Resp: 60149
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 57.4

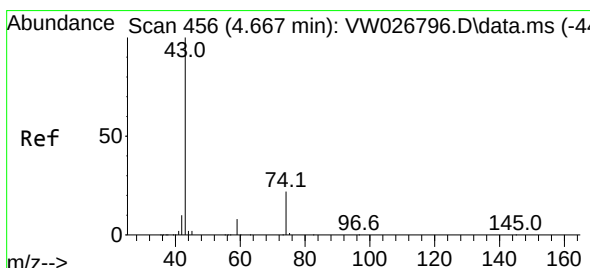
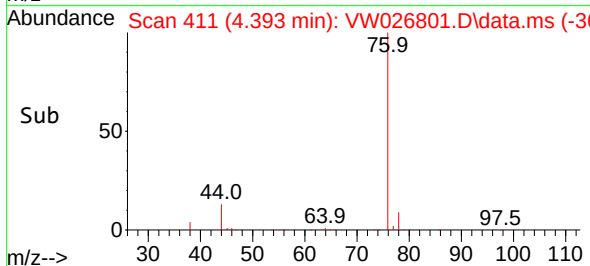
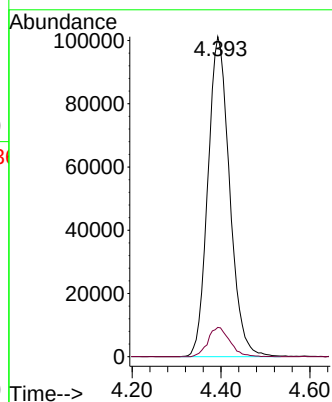
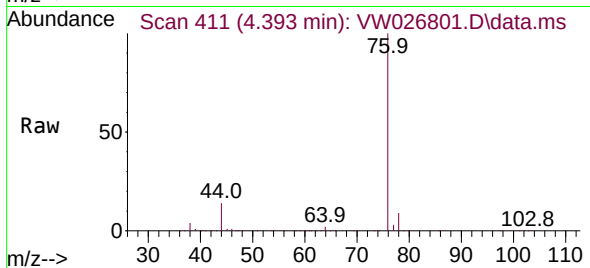




#14
Carbon disulfide
Concen: 12.306 ug/L
RT: 4.393 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

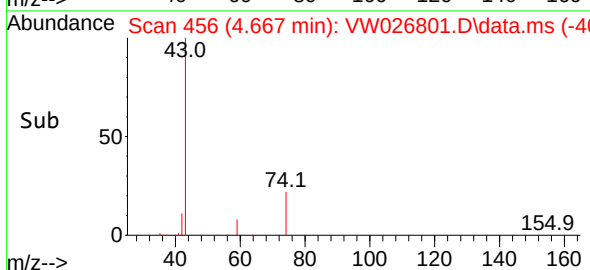
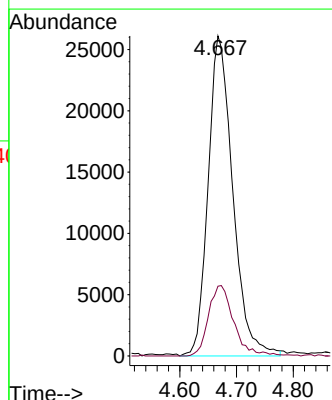
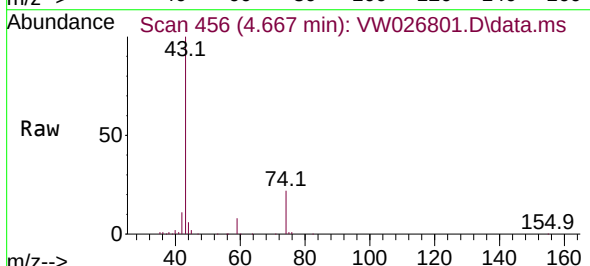
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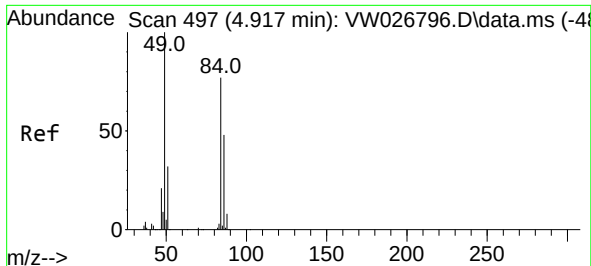
Tgt Ion: 76 Resp: 343803
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#15
Methyl Acetate
Concen: 15.944 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 43 Resp: 78831
Ion Ratio Lower Upper
43 100
74 21.9 16.4 24.6

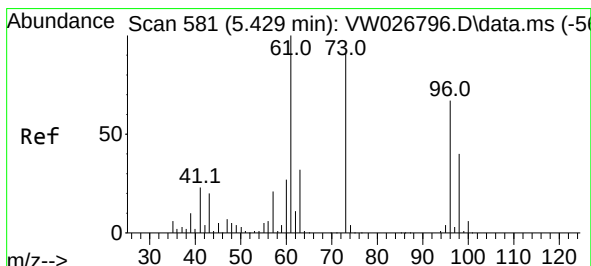
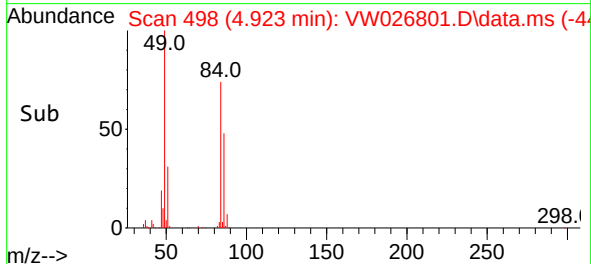
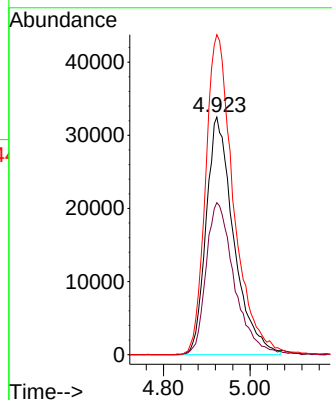
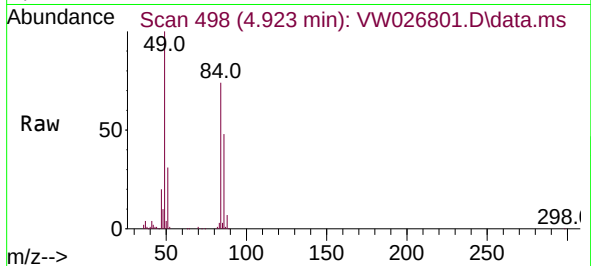




#16
Methylene chloride
Concen: 14.139 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

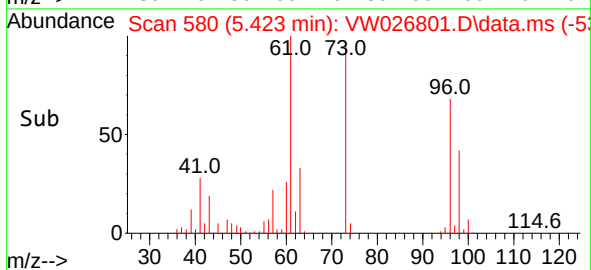
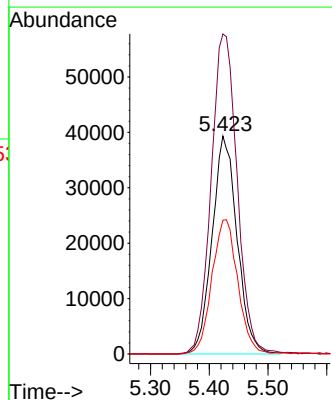
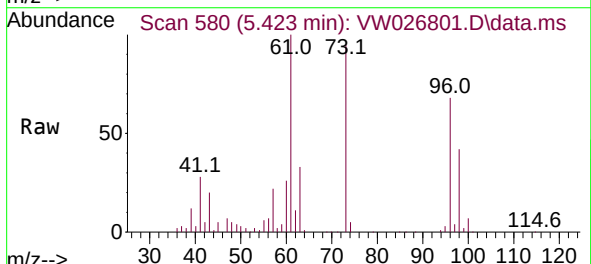
Instrument :
MSVOA_W
ClientSampleId :

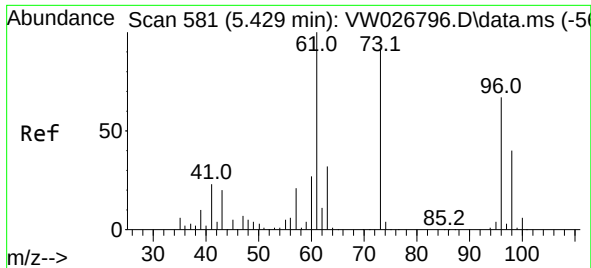
Tgt Ion: 84 Resp: 143699
Ion Ratio Lower Upper
84 100
86 64.0 43.5 80.9
49 134.7 96.0 178.2



#17
trans-1,2-Dichloroethene
Concen: 13.444 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

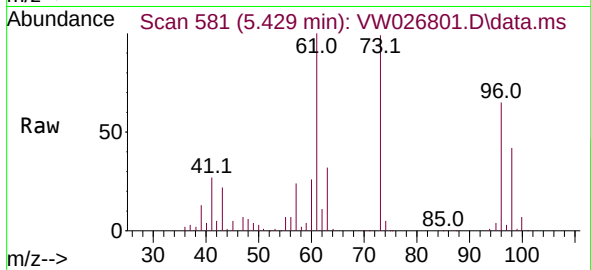
Tgt Ion: 96 Resp: 116507
Ion Ratio Lower Upper
96 100
61 146.8 109.4 203.2
98 61.3 43.6 81.0



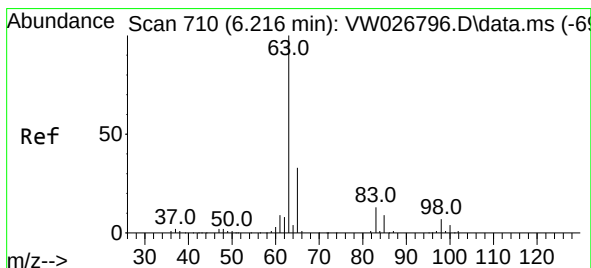
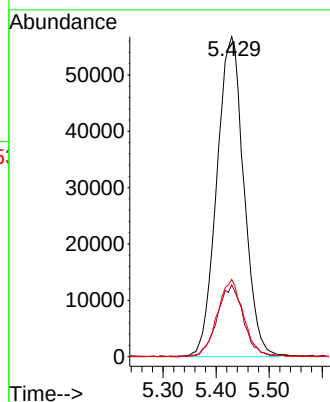
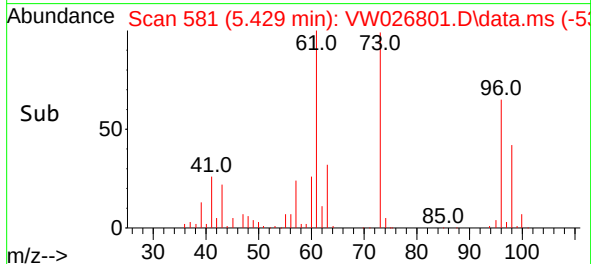


#18
Methyl tert-butyl Ether
Concen: 15.372 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

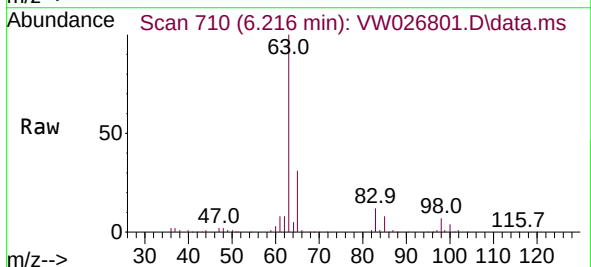
Instrument :
MSVOA_W
ClientSampleId :



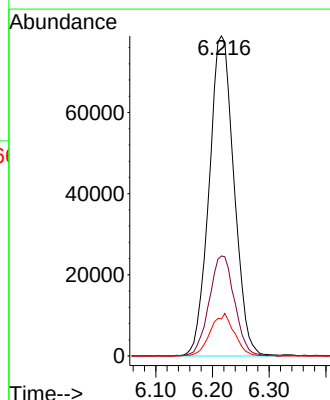
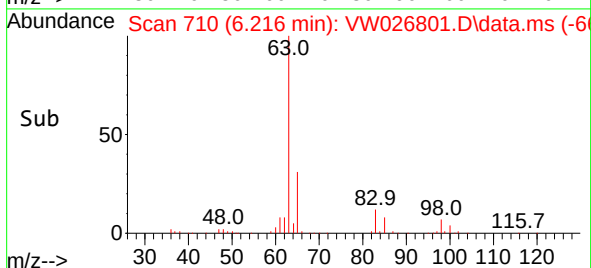
Tgt Ion: 73 Resp: 201557
Ion Ratio Lower Upper
73 100
43 21.2 18.0 27.0
57 23.2 19.3 28.9

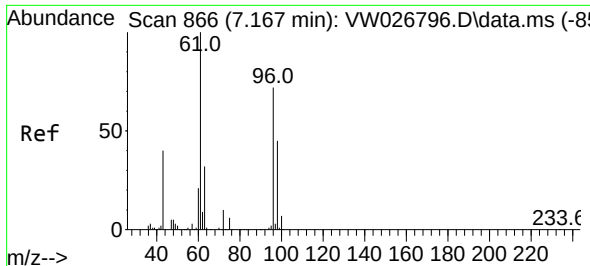


#19
1,1-Dichloroethane
Concen: 13.482 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25



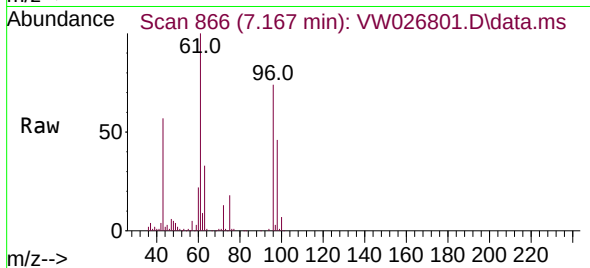
Tgt Ion: 63 Resp: 240467
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 11.6 9.0 16.6





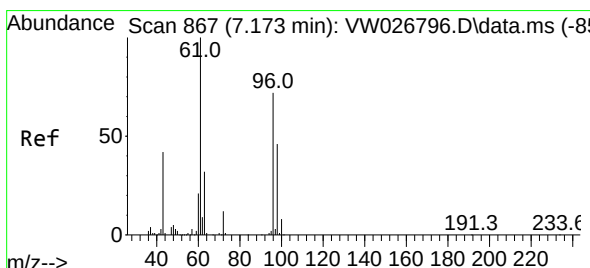
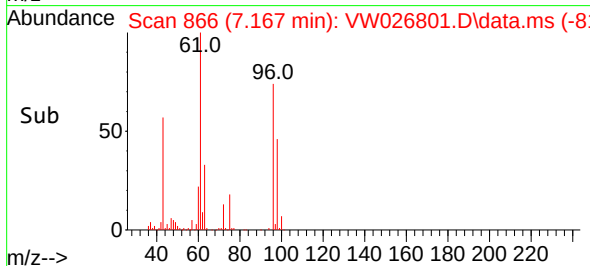
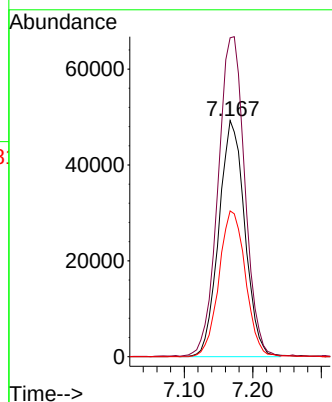
#20
 cis-1,2-Dichloroethene
 Concen: 13.885 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 129331

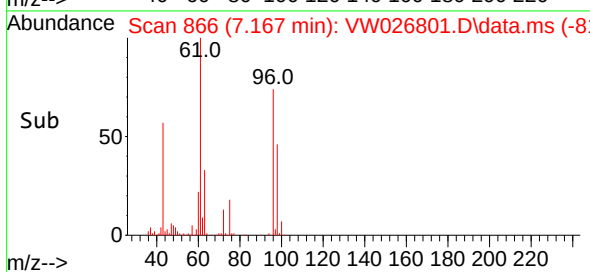
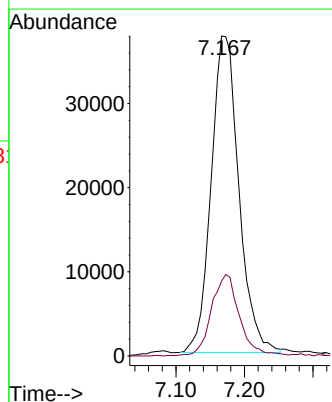
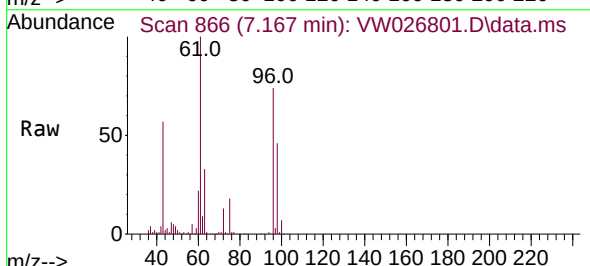
Ion	Ratio	Lower	Upper
96	100		
61	135.0	101.2	188.0
98	61.7	43.8	81.3

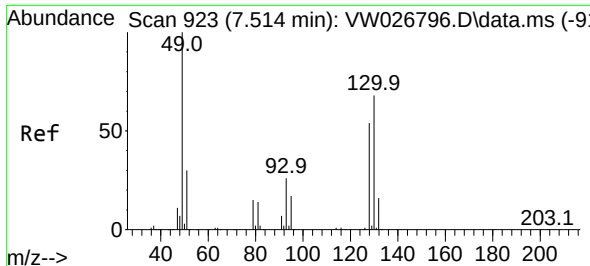


#22
 2-Butanone
 Concen: 29.060 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Tgt Ion: 43 Resp: 105705

Ion	Ratio	Lower	Upper
43	100		
72	26.0	11.8	35.4

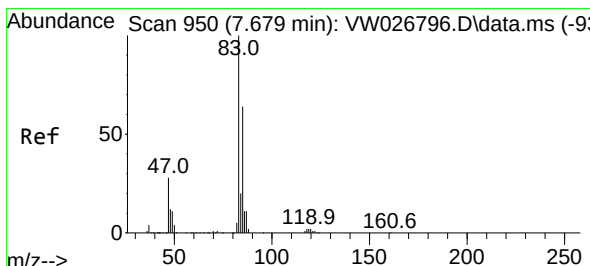
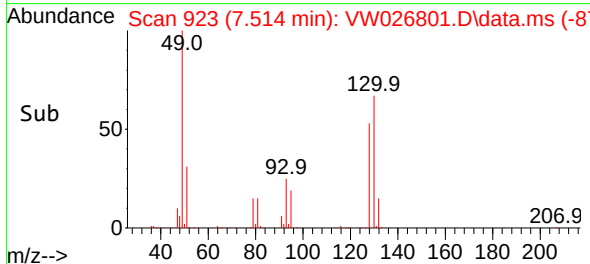
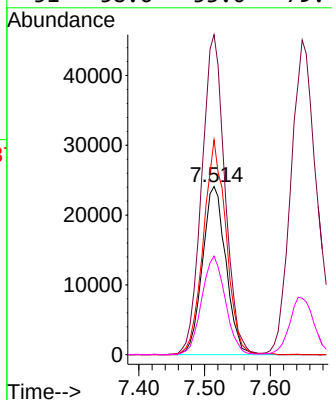
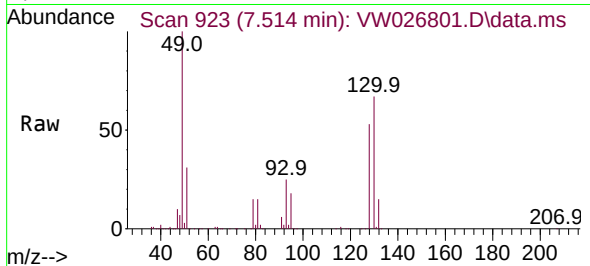




#23
Bromochloromethane
Concen: 14.892 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

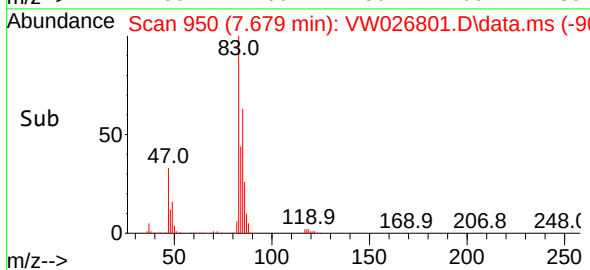
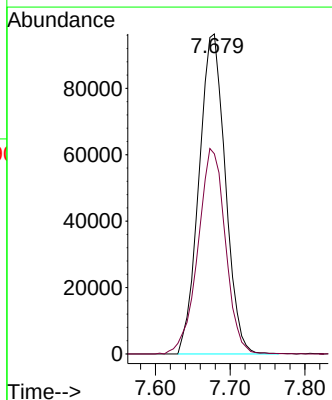
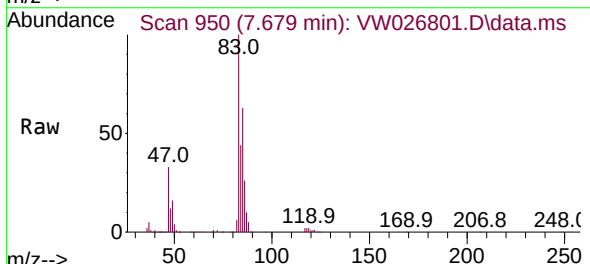
Instrument :
MSVOA_W
ClientSampleId :

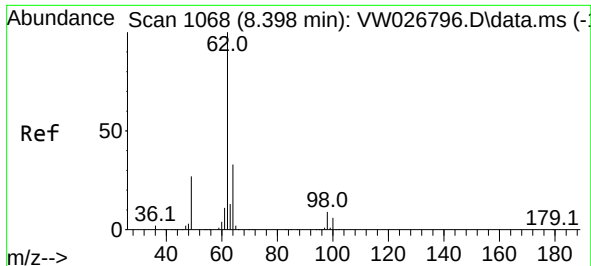
Tgt Ion:128 Resp: 59918
Ion Ratio Lower Upper
128 100
49 190.2 143.1 265.7
130 127.7 91.8 170.4
51 58.6 53.0 79.4



#25
Chloroform
Concen: 13.679 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 83 Resp: 235696
Ion Ratio Lower Upper
83 100
85 62.5 45.4 84.2





#27

1,2-Dichloroethane

Concen: 14.520 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

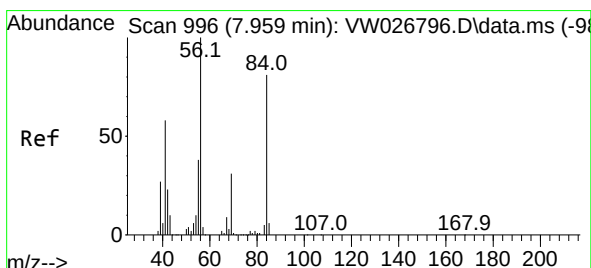
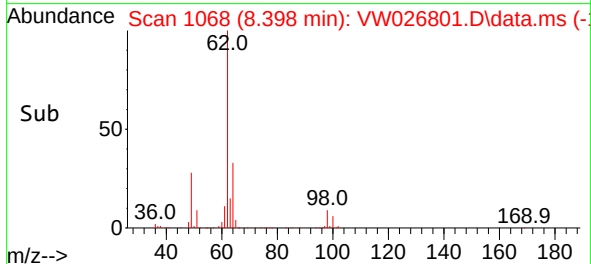
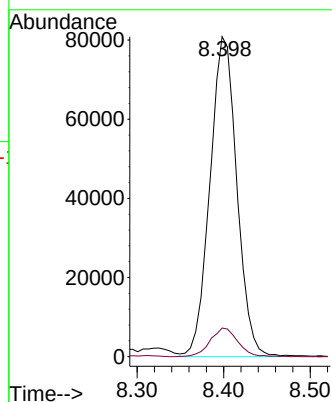
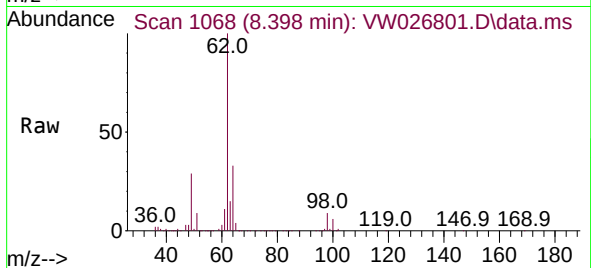
ClientSampleId :

Tgt Ion: 62 Resp: 174541

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7



#29

Cyclohexane

Concen: 10.882 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

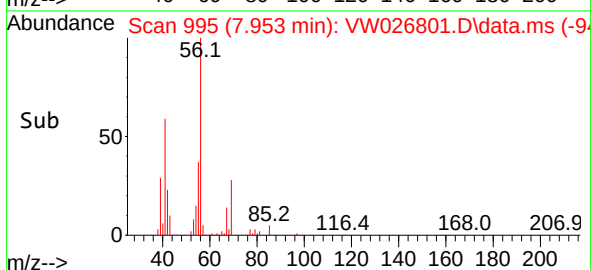
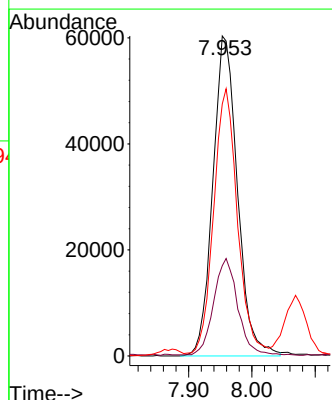
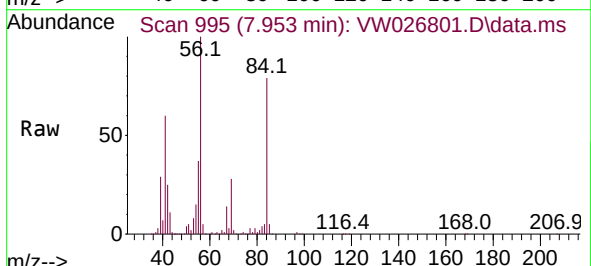
Tgt Ion: 56 Resp: 162992

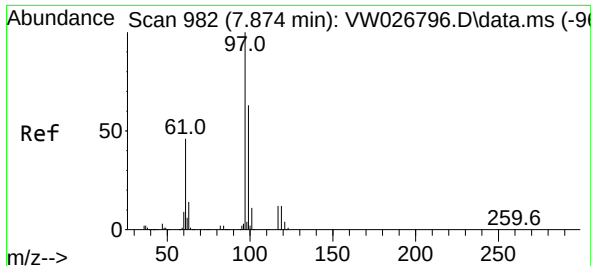
Ion Ratio Lower Upper

56 100

69 29.1 23.2 34.8

84 81.2 62.7 94.1





#30

1,1,1-Trichloroethane

Concen: 14.524 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

ClientSampleId :

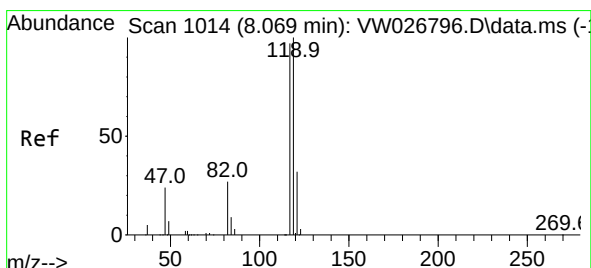
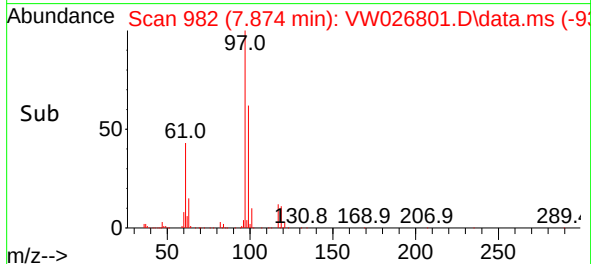
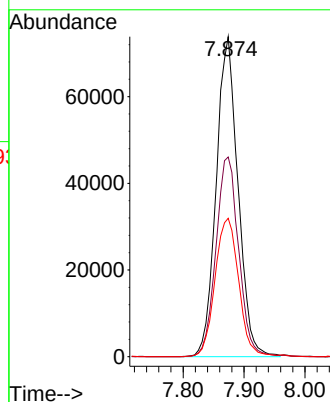
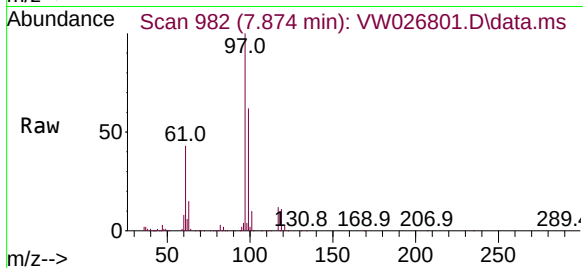
Tgt Ion: 97 Resp: 183595

Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 46.9 39.2 58.8



#31

Carbon tetrachloride

Concen: 14.236 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026801.D

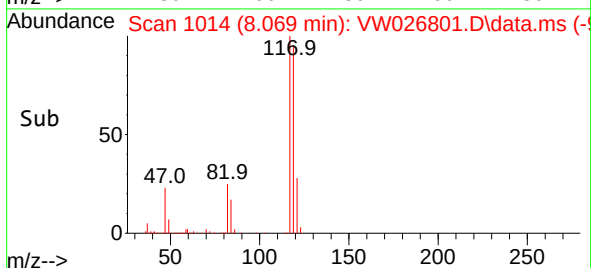
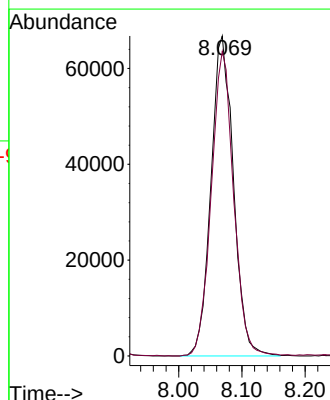
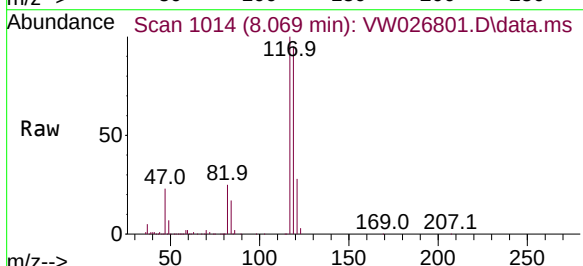
Acq: 22 Aug 2023 15:25

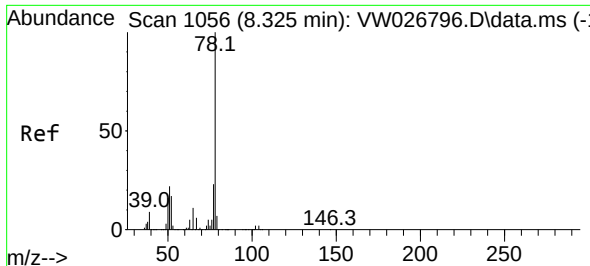
Tgt Ion: 117 Resp: 164542

Ion Ratio Lower Upper

117 100

119 94.6 73.0 109.4

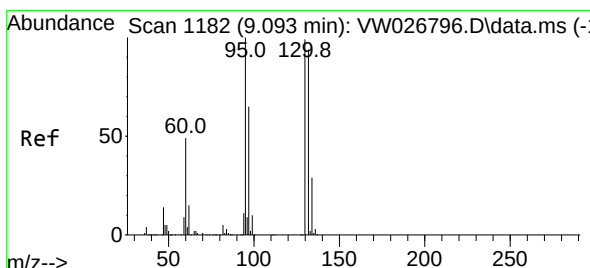
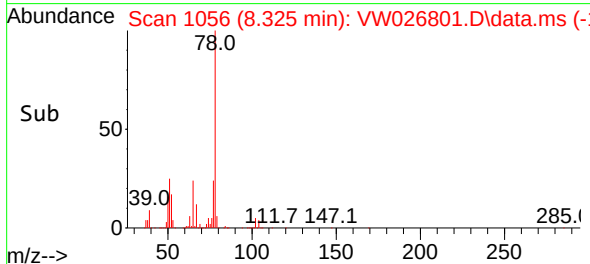
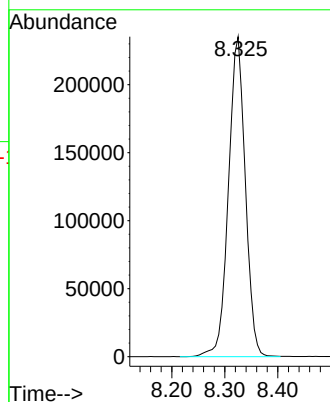
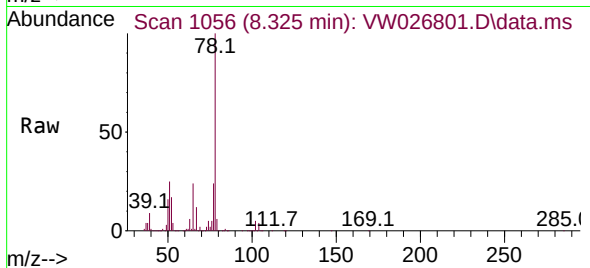




#33
Benzene
Concen: 14.736 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Instrument :
MSVOA_W
ClientSampleId :

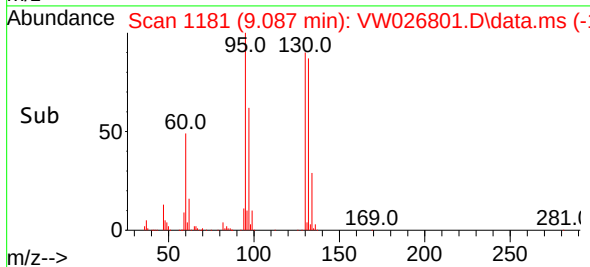
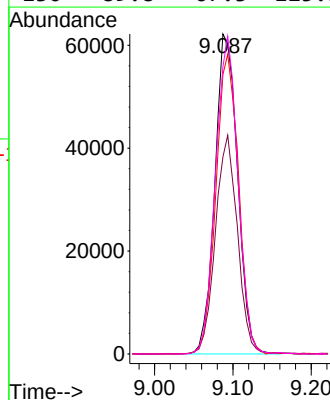
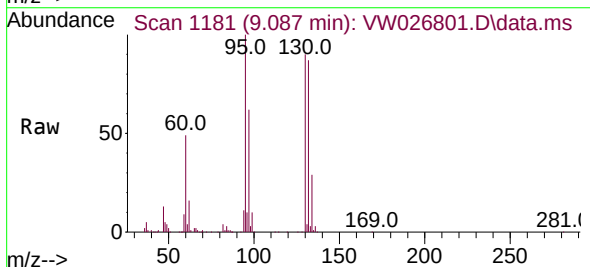
Tgt Ion: 78 Resp: 519778

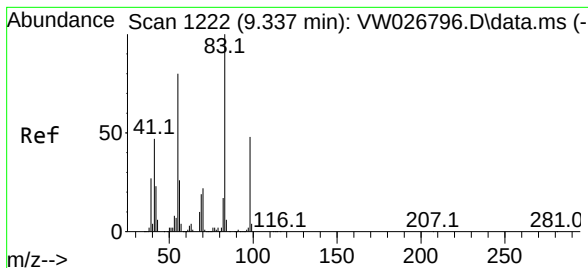


#34
Trichloroethene
Concen: 13.917 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 95 Resp: 125023

Ion	Ratio	Lower	Upper
95	100		
97	61.6	44.6	82.8
132	87.3	66.4	123.2
130	89.8	67.3	125.1

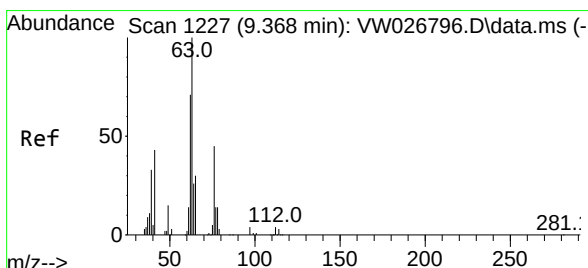
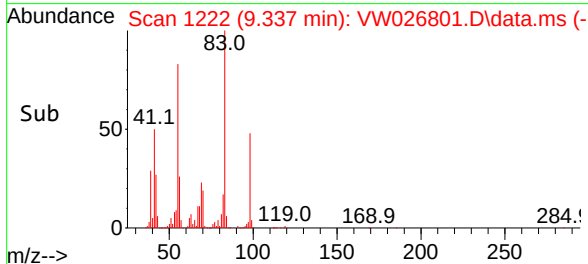
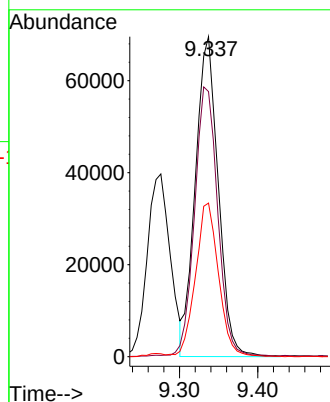
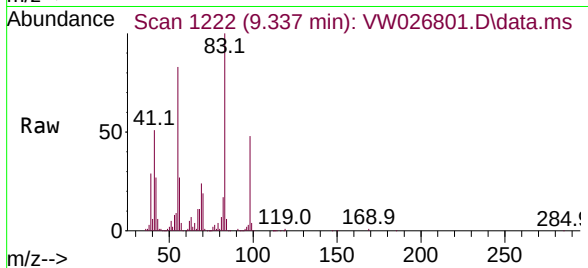




#35
Methylcyclohexane
Concen: 9.180 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

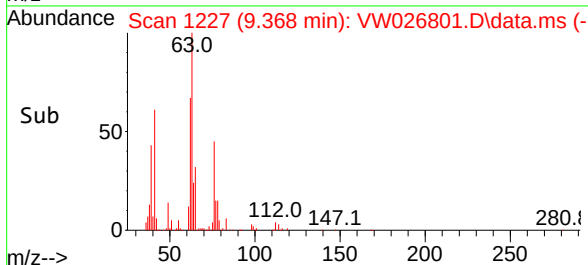
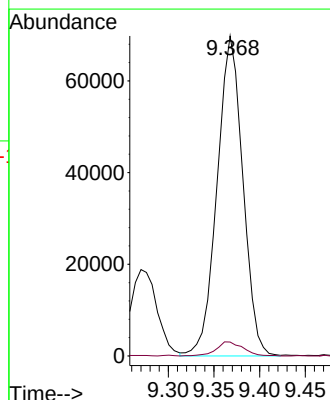
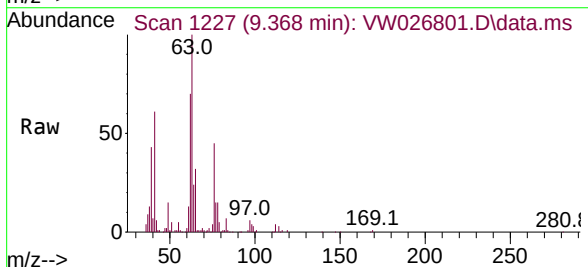
Instrument :
MSVOA_W
ClientSampleId :

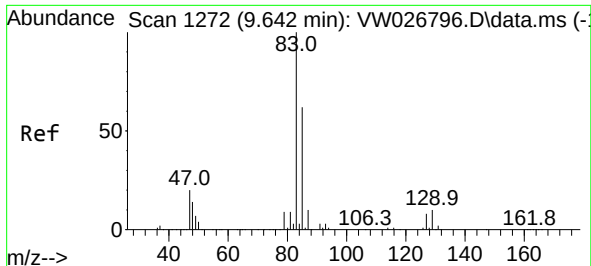
Tgt Ion: 83 Resp: 141079
Ion Ratio Lower Upper
83 100
55 85.9 69.3 103.9
98 48.4 37.4 56.0



#37
1,2-Dichloropropane
Concen: 14.182 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 63 Resp: 137016
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7

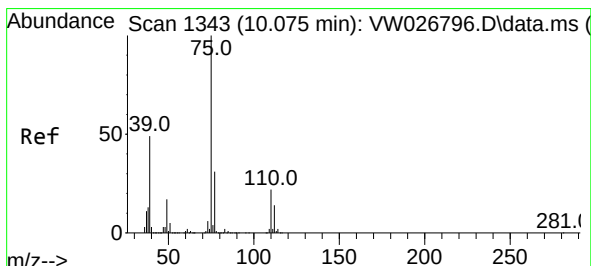
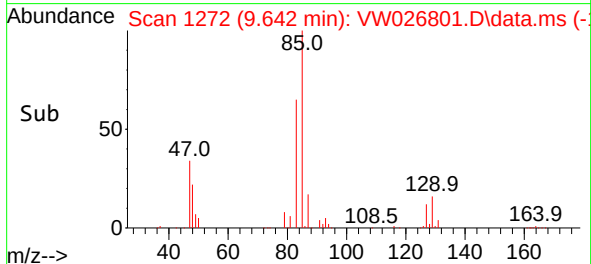
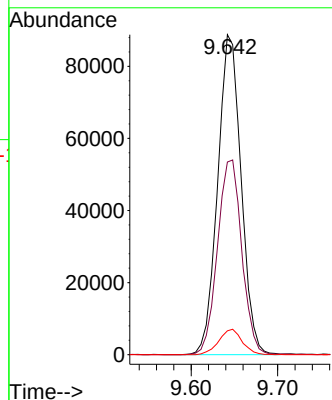
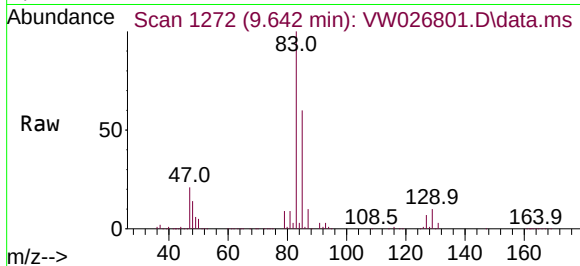




#38
Bromodichloromethane
Concen: 14.738 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

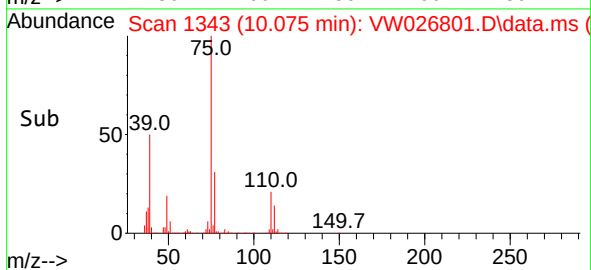
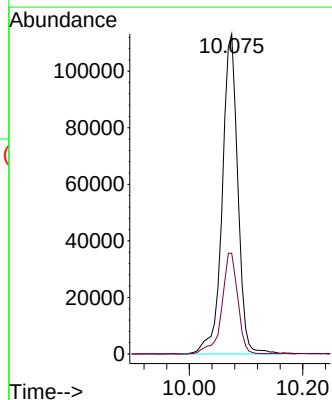
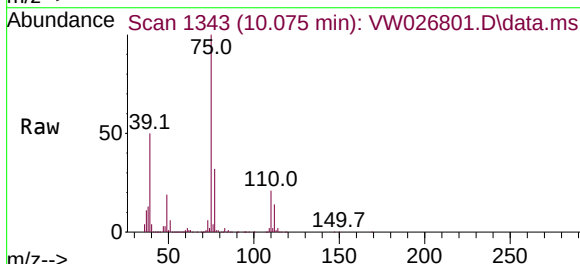
Instrument :
MSVOA_W
ClientSampleId :

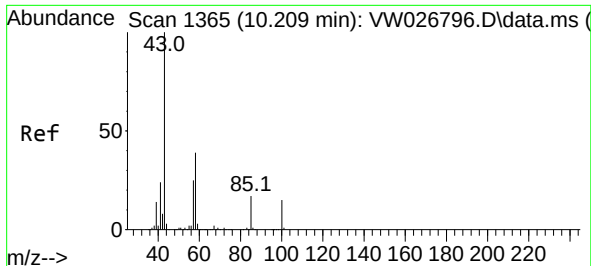
Tgt Ion: 83 Resp: 167040
Ion Ratio Lower Upper
83 100
85 60.2 45.4 84.2
127 7.5 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 15.571 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 75 Resp: 216421
Ion Ratio Lower Upper
75 100
77 31.5 22.8 42.4

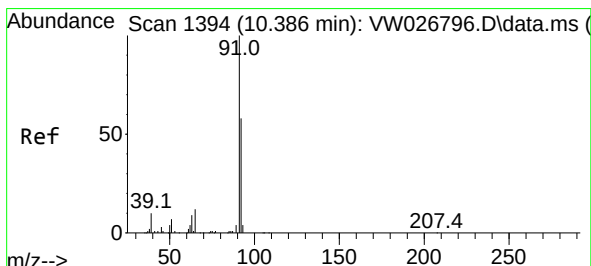
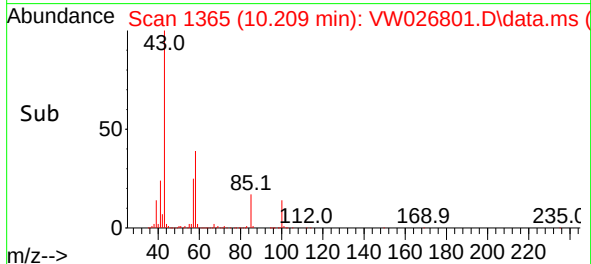
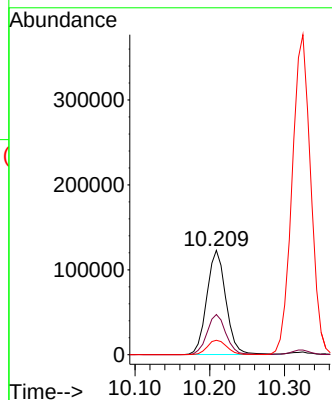
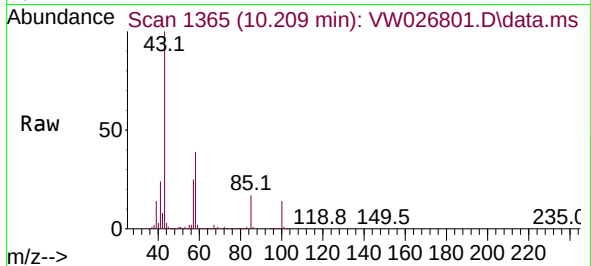




#40
4-Methyl-2-pentanone
Concen: 34.600 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

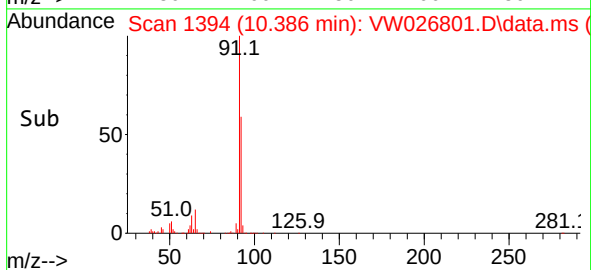
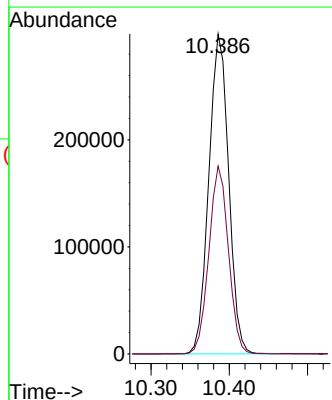
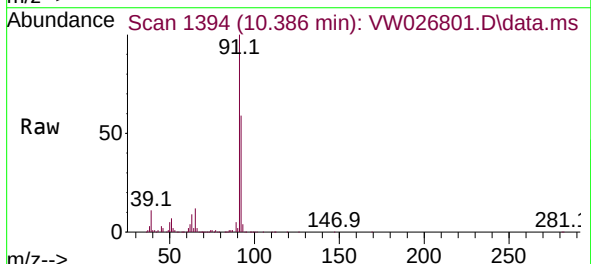
Instrument :
MSVOA_W
ClientSampleId :

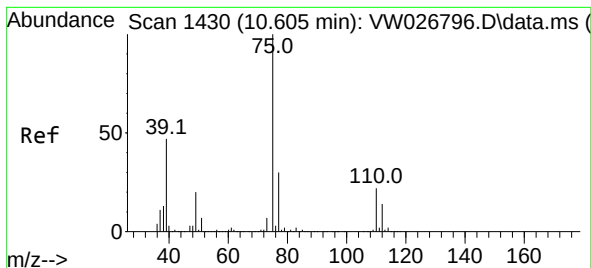
Tgt Ion: 43 Resp: 217442
Ion Ratio Lower Upper
43 100
58 38.1 29.2 43.8
100 14.2 10.7 16.1



#42
Toluene
Concen: 14.713 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion: 91 Resp: 524979
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 15.999 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

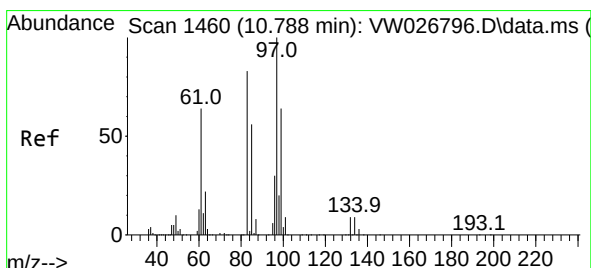
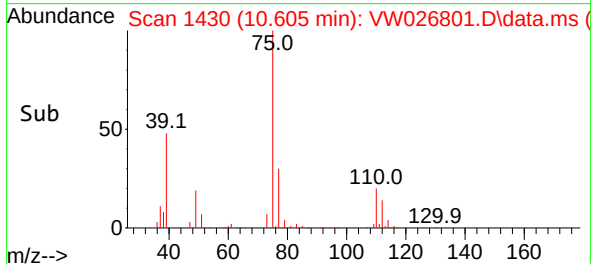
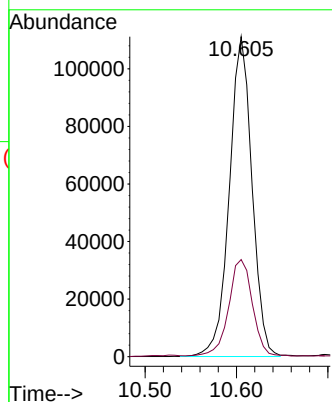
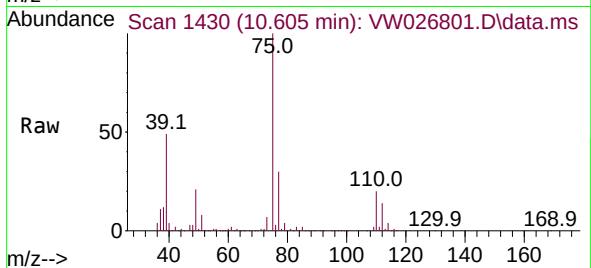
ClientSampleId :

Tgt Ion: 75 Resp: 191400

Ion Ratio Lower Upper

75 100

77 30.3 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 15.939 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Tgt Ion: 97 Resp: 105319

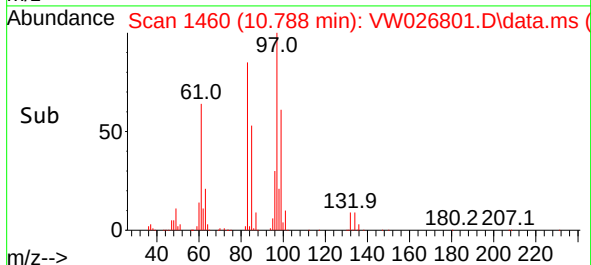
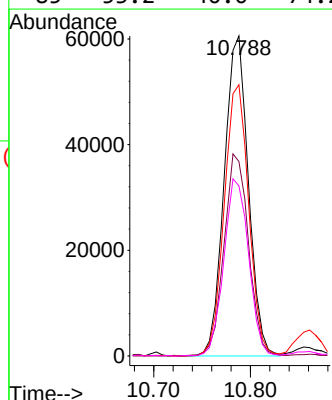
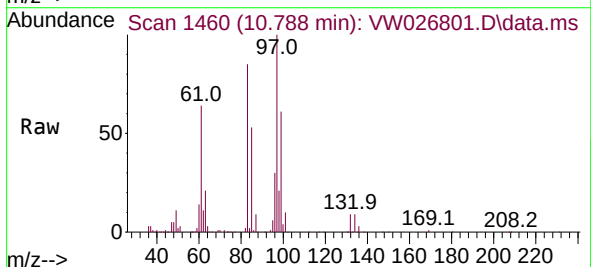
Ion Ratio Lower Upper

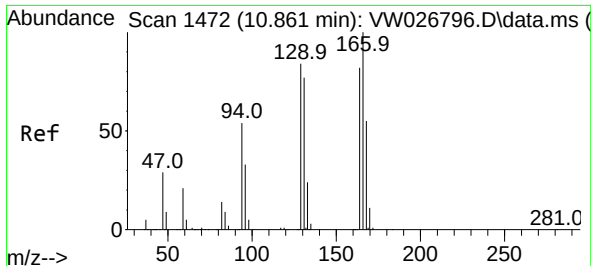
97 100

99 60.7 44.2 82.0

83 84.8 61.9 114.9

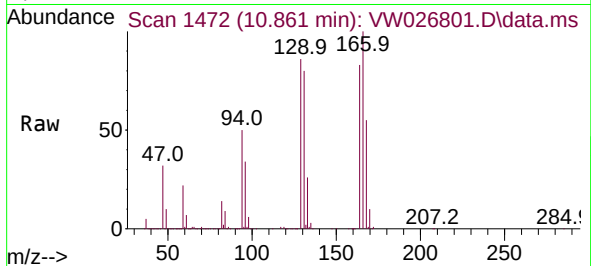
85 53.2 40.0 74.2



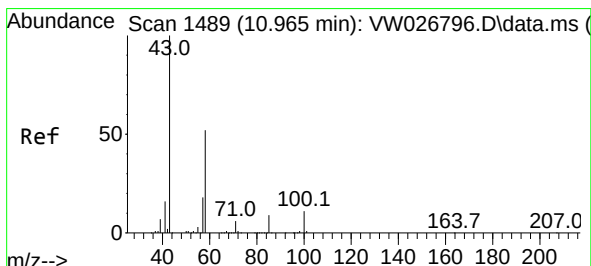
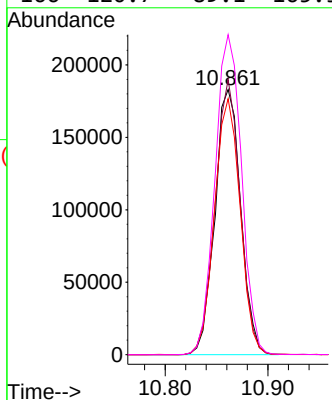
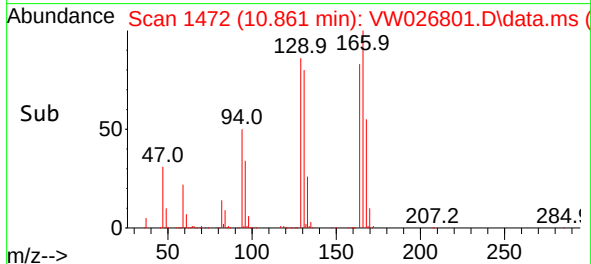


#46
Tetrachloroethene
Concen: 48.858 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

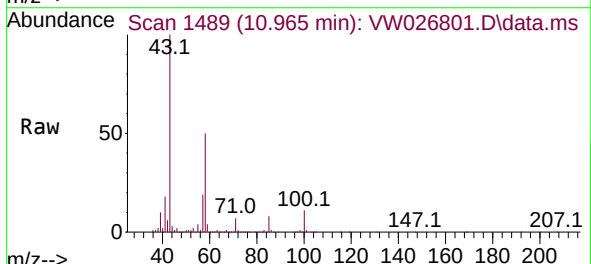
Instrument :
MSVOA_W
ClientSampleId :



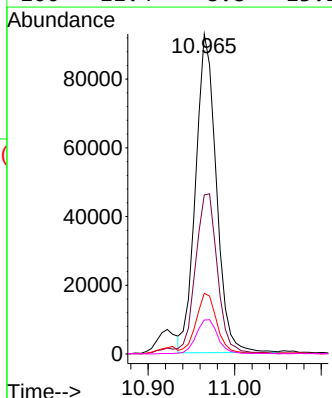
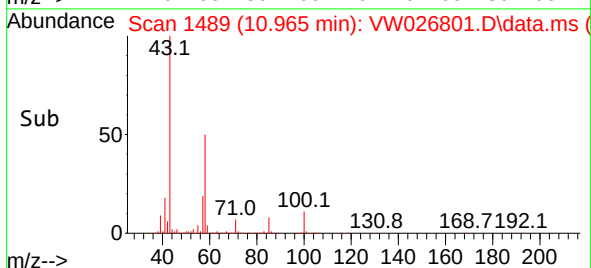
Tgt Ion:	164	Resp:	318868
Ion	Ratio	Lower	Upper
164	100		
129	103.7	68.1	126.5
131	96.5	65.5	121.7
166	120.7	89.1	165.5

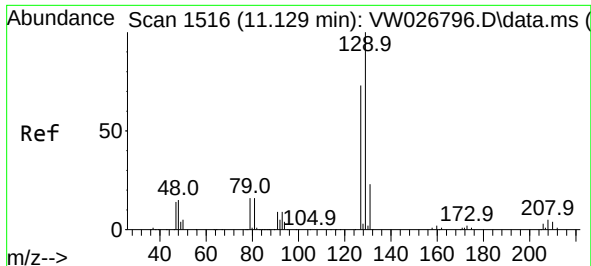


#48
2-Hexanone
Concen: 36.033 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25



Tgt Ion:	43	Resp:	154086
Ion	Ratio	Lower	Upper
43	100		
58	53.7	41.1	61.7
57	19.2	14.3	21.5
100	11.4	8.8	13.2





#49

Dibromochloromethane

Concen: 15.859 ug/L

RT: 11.129 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

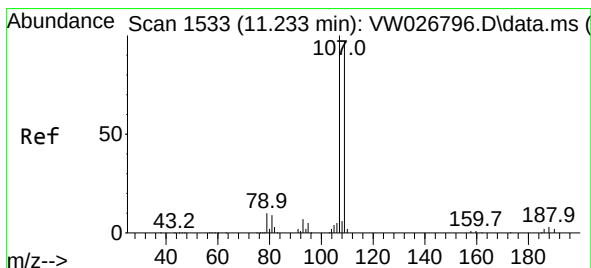
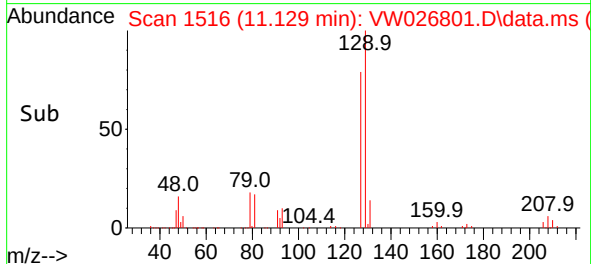
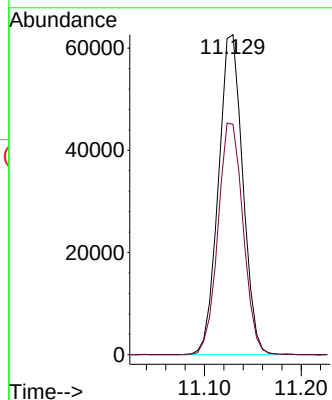
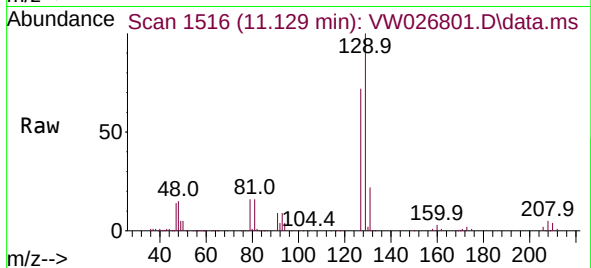
ClientSampleId :

Tgt Ion:129 Resp: 109598

Ion Ratio Lower Upper

129 100

127 72.0 56.6 105.2



#50

1,2-Dibromoethane

Concen: 15.998 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

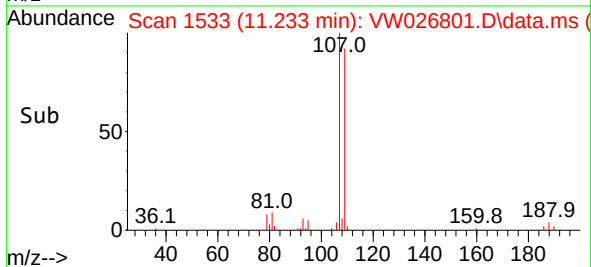
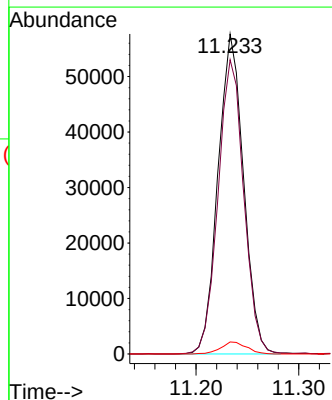
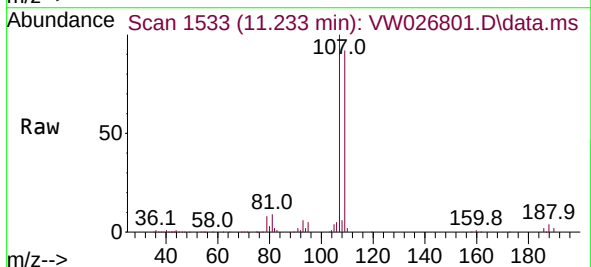
Tgt Ion:107 Resp: 99181

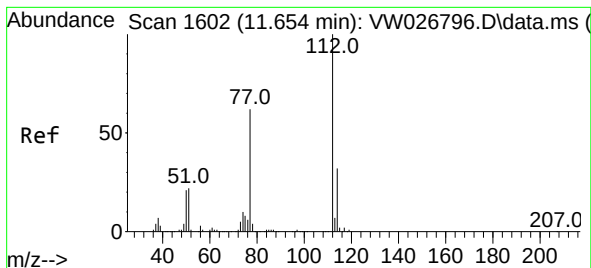
Ion Ratio Lower Upper

107 100

109 91.9 68.8 127.8

188 3.7 2.7 4.1





#51

Chlorobenzene

Concen: 13.936 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

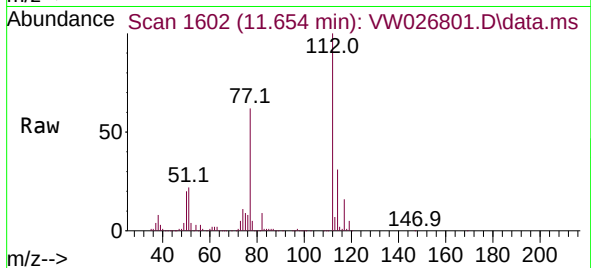
Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

ClientSampleId :



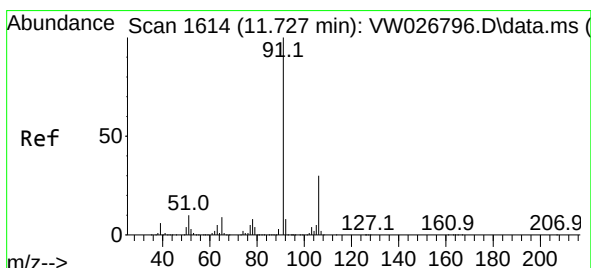
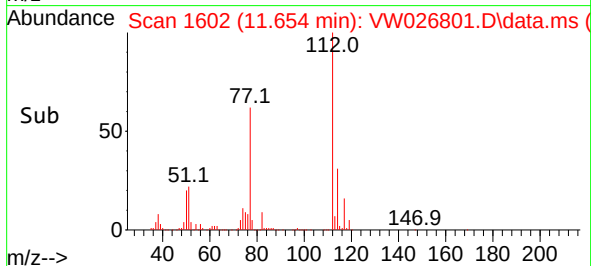
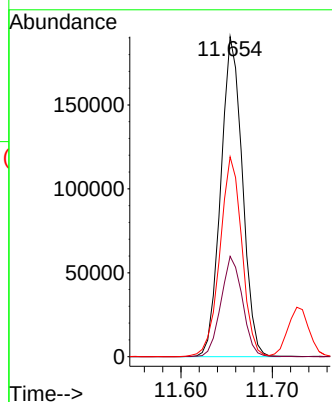
Tgt Ion:112 Resp: 314104

Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 62.4 50.2 75.2



#52

Ethylbenzene

Concen: 13.242 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW026801.D

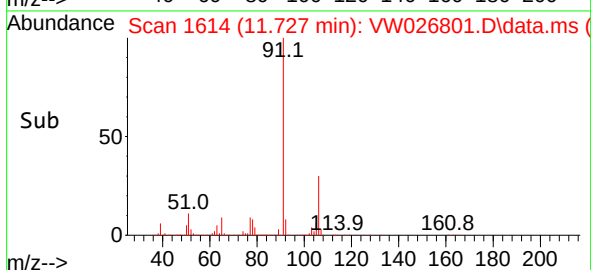
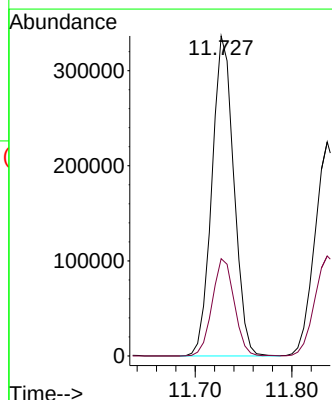
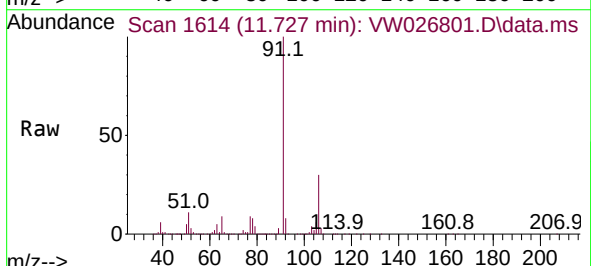
Acq: 22 Aug 2023 15:25

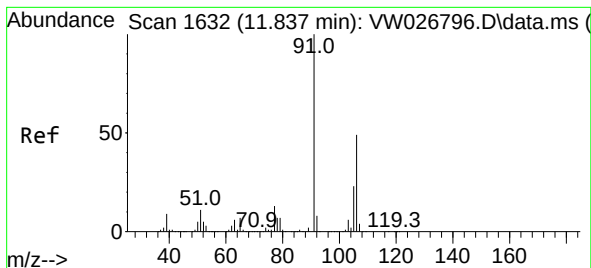
Tgt Ion: 91 Resp: 529841

Ion Ratio Lower Upper

91 100

106 30.4 20.2 37.6





#53

m,p-Xylene

Concen: 13.390 ug/L

RT: 11.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

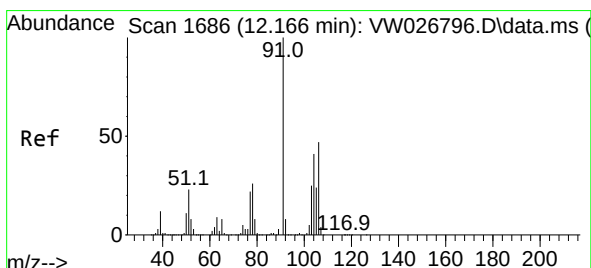
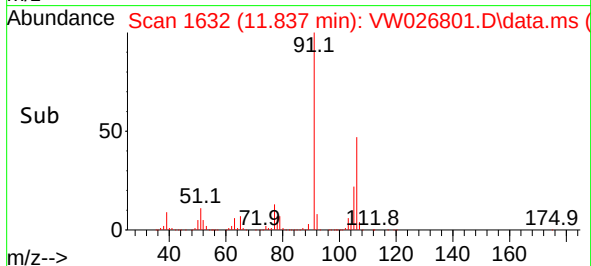
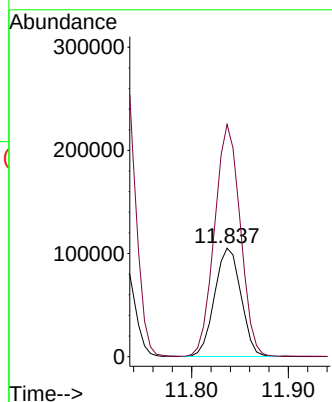
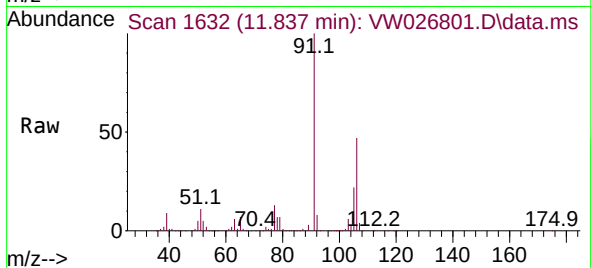
ClientSampleId :

Tgt Ion:106 Resp: 198485

Ion Ratio Lower Upper

106 100

91 214.1 152.9 284.1



#54

o-Xylene

Concen: 13.526 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW026801.D

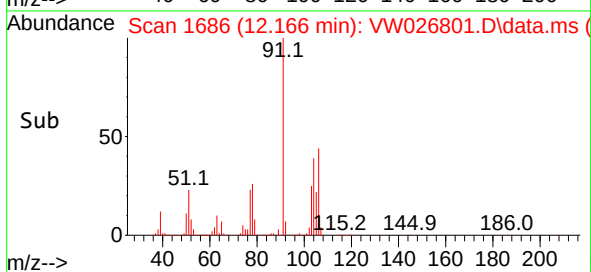
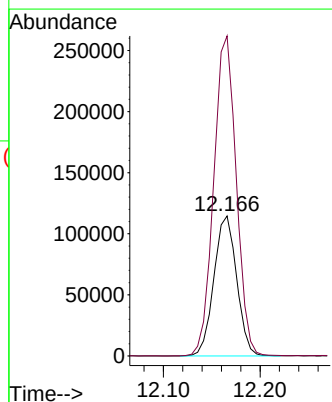
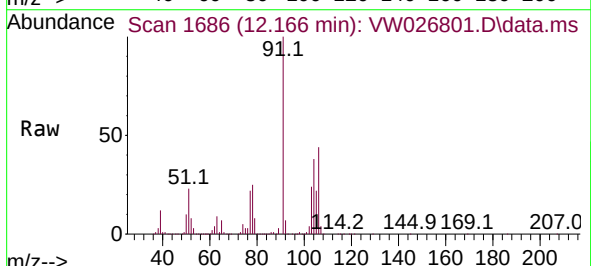
Acq: 22 Aug 2023 15:25

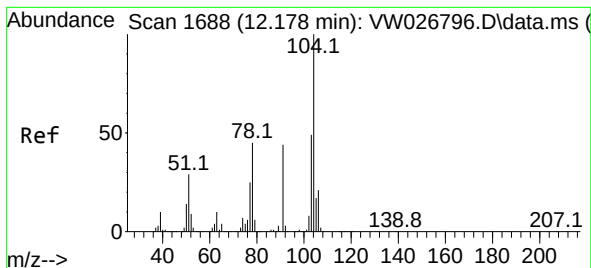
Tgt Ion:106 Resp: 187121

Ion Ratio Lower Upper

106 100

91 228.6 149.9 278.3





#55

Styrene

Concen: 14.730 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

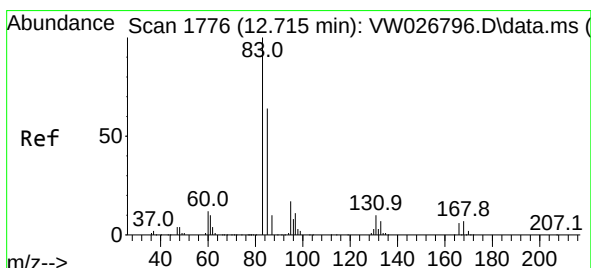
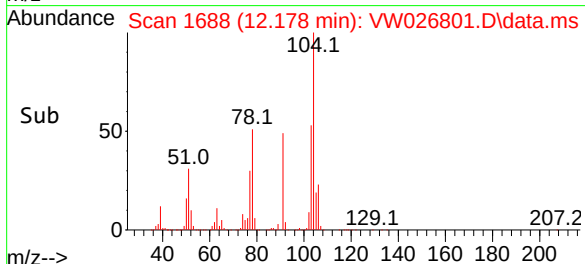
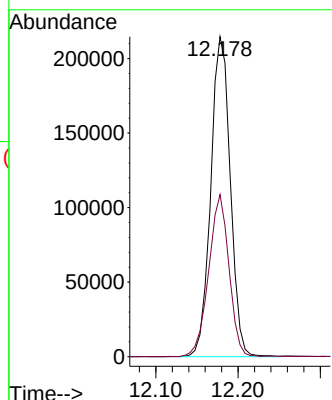
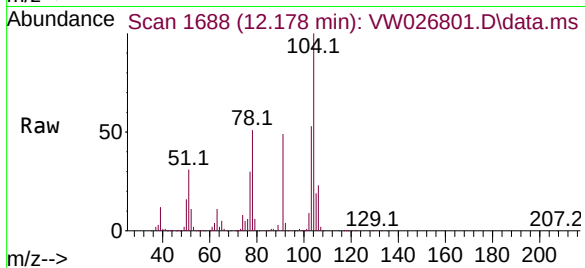
ClientSampleId :

Tgt Ion:104 Resp: 354334

Ion Ratio Lower Upper

104 100

78 50.7 33.0 61.2



#57

1,1,2,2-Tetrachloroethane

Concen: 16.608 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

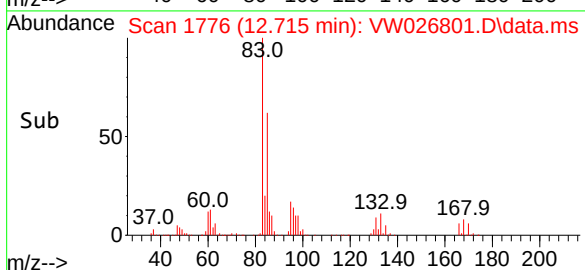
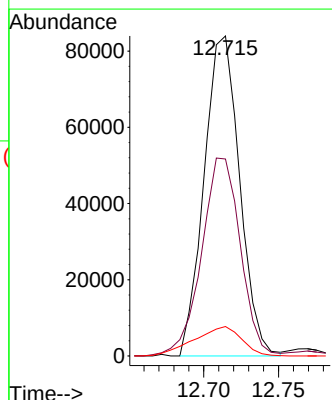
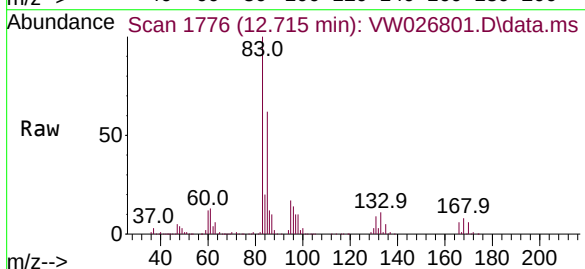
Tgt Ion: 83 Resp: 138976

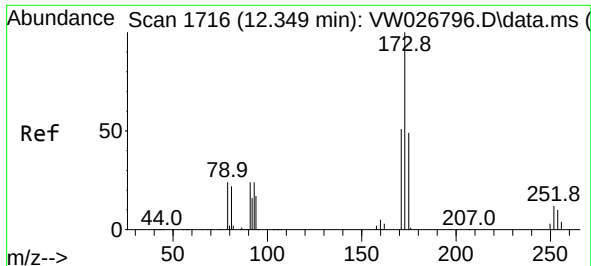
Ion Ratio Lower Upper

83 100

85 61.5 44.9 83.3

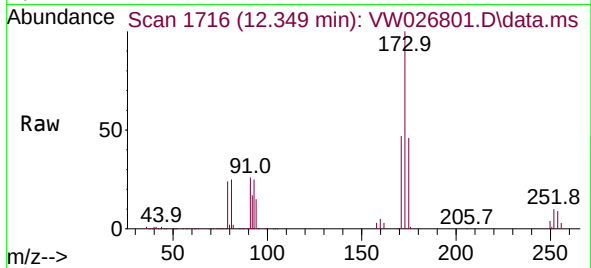
131 9.2 7.4 11.0



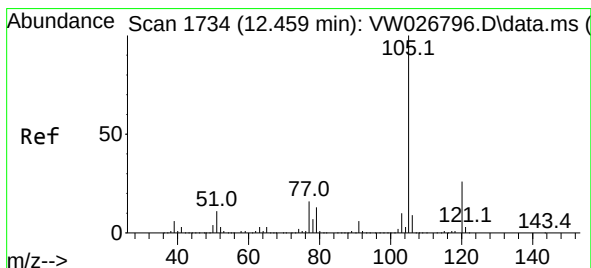
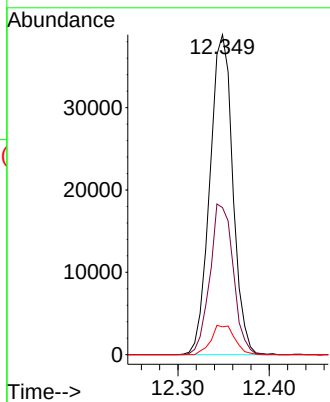
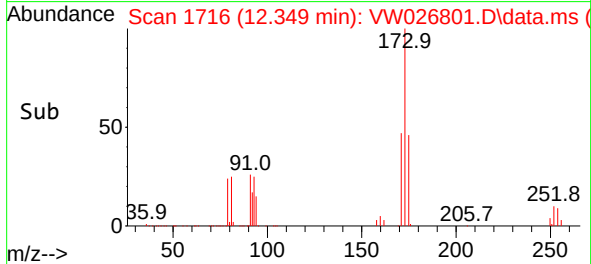


#59
Bromoform
Concen: 17.897 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

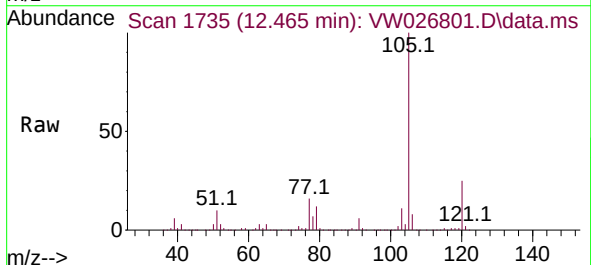
Instrument :
MSVOA_W
ClientSampleId :



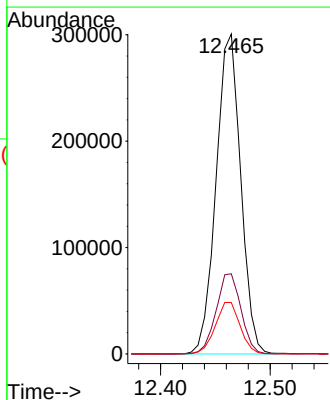
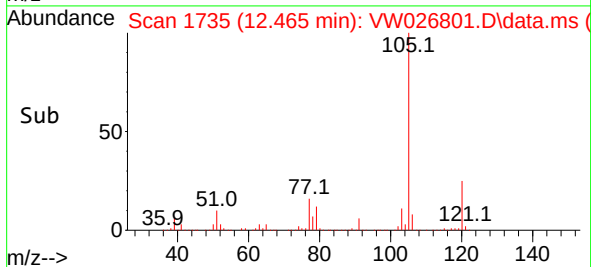
Tgt Ion:173 Resp: 67796
Ion Ratio Lower Upper
173 100
175 47.9 36.6 55.0
254 9.4 7.8 11.6

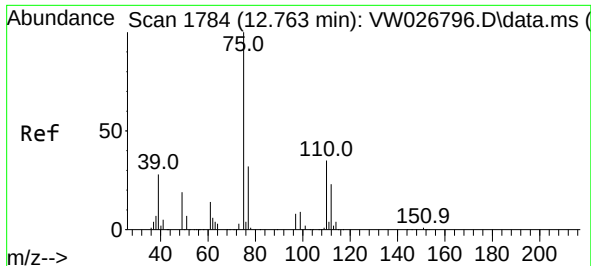


#60
Isopropylbenzene
Concen: 13.065 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25



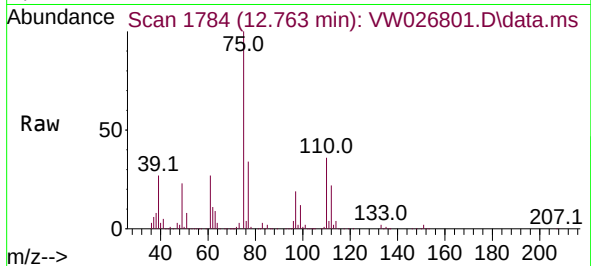
Tgt Ion:105 Resp: 469737
Ion Ratio Lower Upper
105 100
120 25.4 21.0 31.6
77 16.3 13.4 20.2



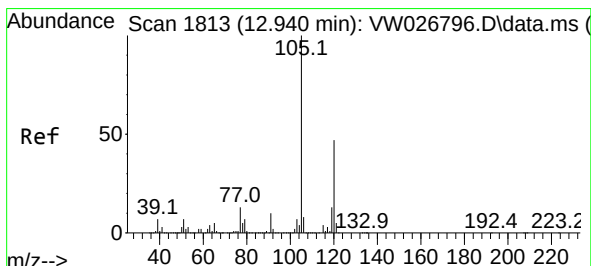
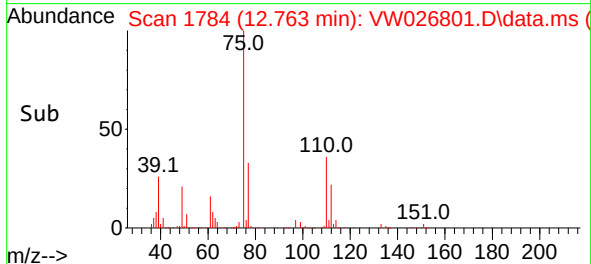
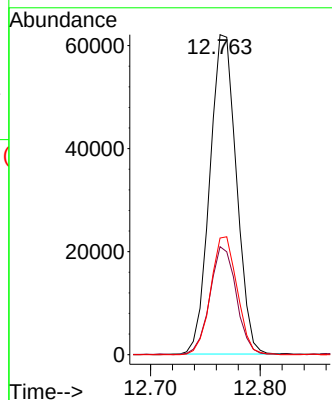


#61
1,2,3-Trichloropropane
Concen: 17.853 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Instrument :
MSVOA_W
ClientSampleId :

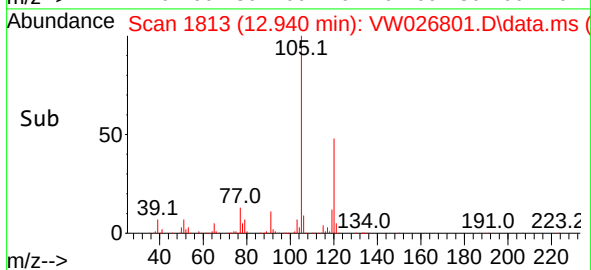
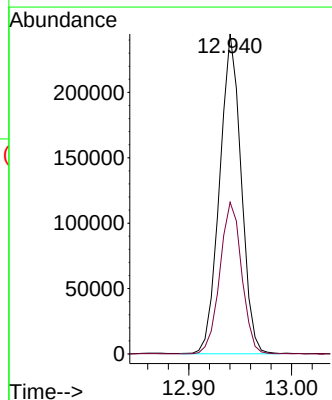
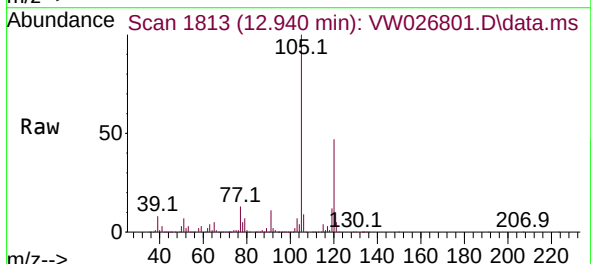


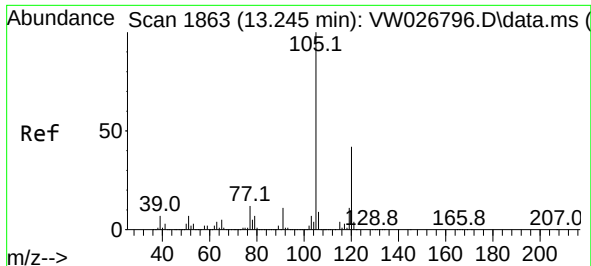
Tgt Ion: 75 Resp: 104725
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
110 36.8 29.9 44.9



#62
1,3,5-Trimethylbenzene
Concen: 12.530 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

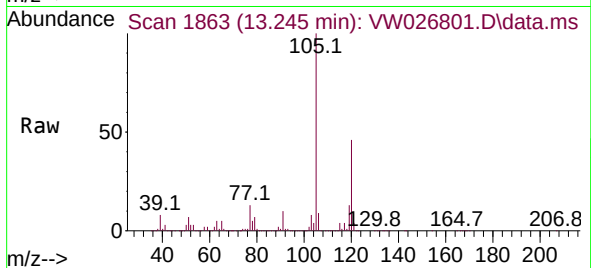
Tgt Ion:105 Resp: 356086
Ion Ratio Lower Upper
105 100
120 48.0 37.4 56.2



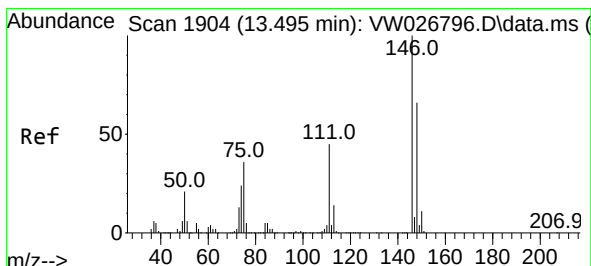
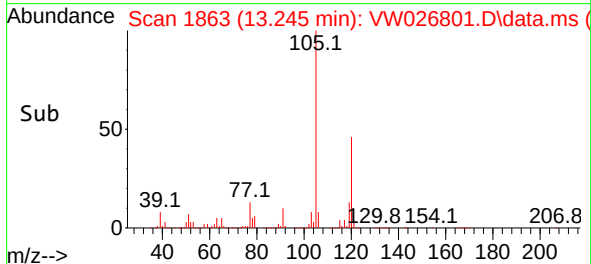
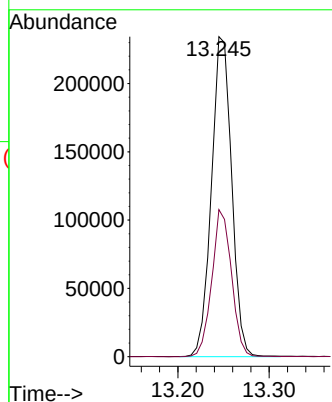


#63
1,2,4-Trimethylbenzene
Concen: 12.930 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Instrument :
MSVOA_W
ClientSampleId :

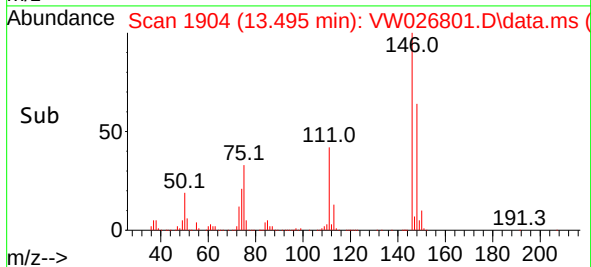
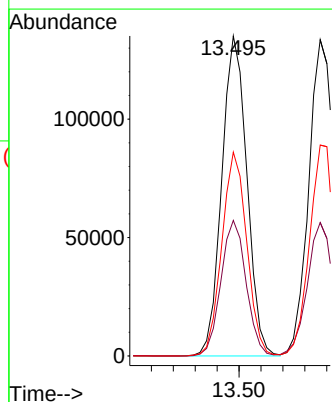
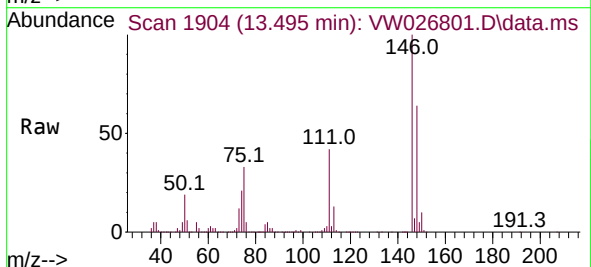


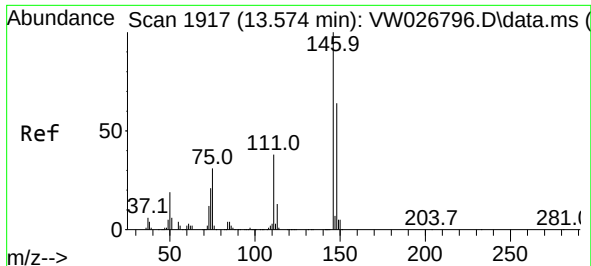
Tgt Ion:105 Resp: 360059
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 13.756 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion:146 Resp: 215092
Ion Ratio Lower Upper
146 100
111 42.4 29.1 54.1
148 63.7 38.8 72.0

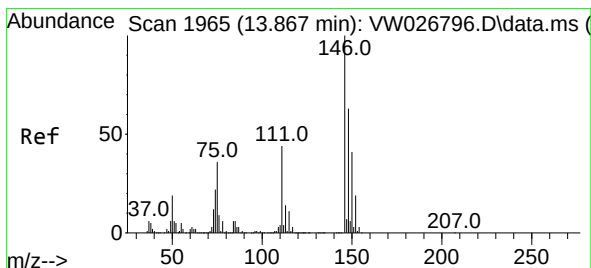
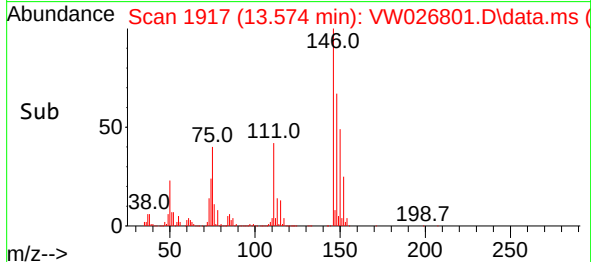
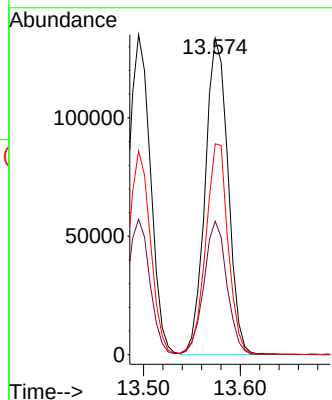
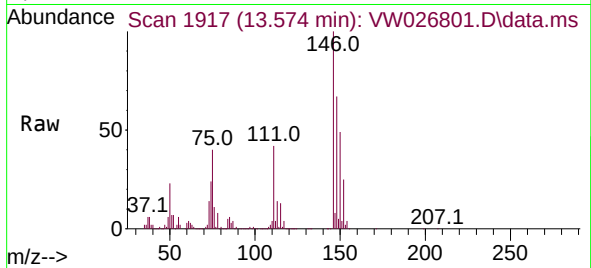




#65
1,4-Dichlorobenzene
Concen: 13.474 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

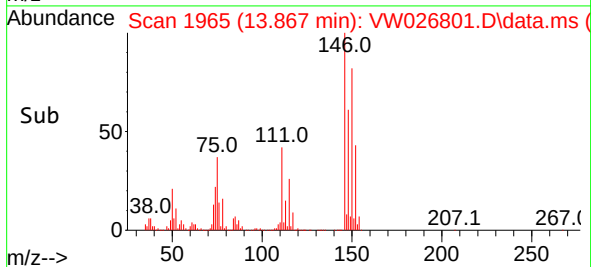
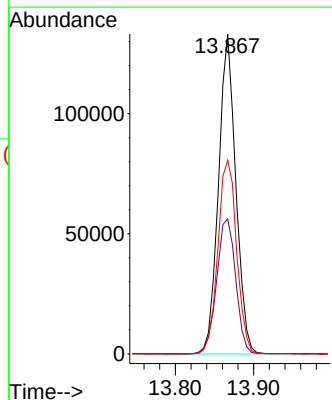
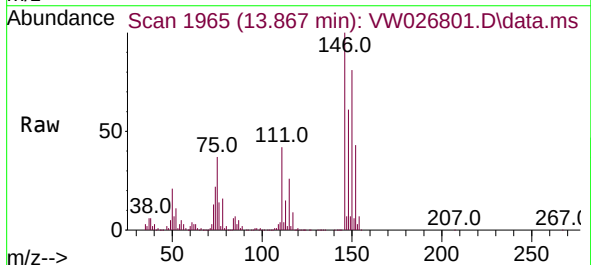
Instrument :
MSVOA_W
ClientSampleId :

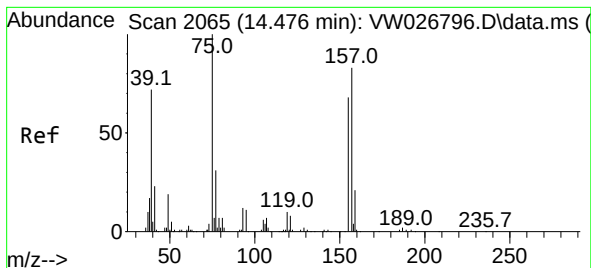
Tgt Ion:146 Resp: 219871
Ion Ratio Lower Upper
146 100
111 42.2 28.3 52.7
148 66.7 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 14.403 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026801.D
Acq: 22 Aug 2023 15:25

Tgt Ion:146 Resp: 204794
Ion Ratio Lower Upper
146 100
111 42.2 34.6 52.0
148 60.5 53.4 80.0

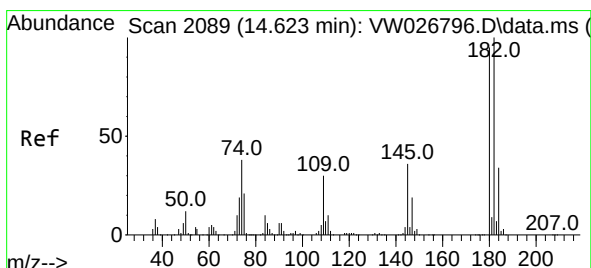
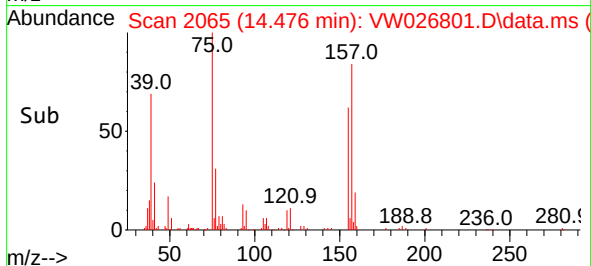
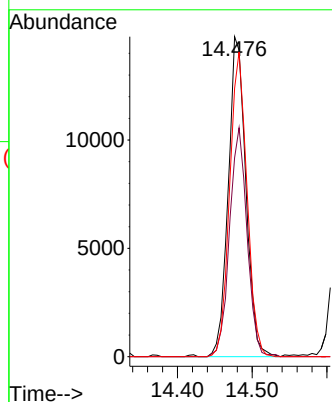
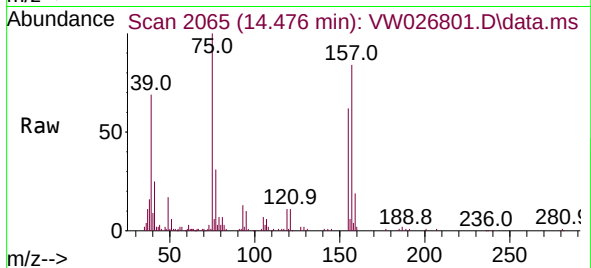




#68
 1,2-Dibromo-3-chloropropane
 Concen: 17.206 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

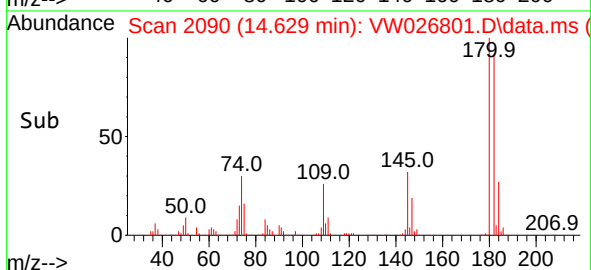
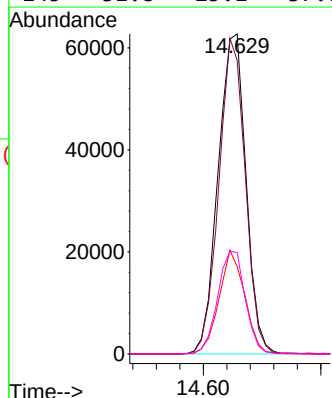
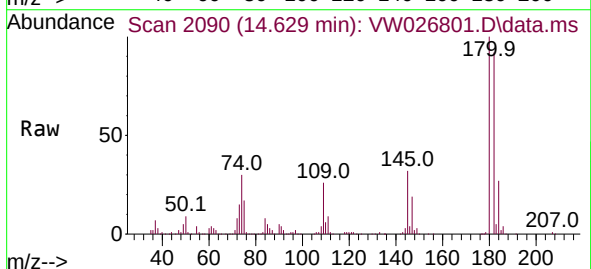
Instrument :
 MSVOA_W
 ClientSampleId :

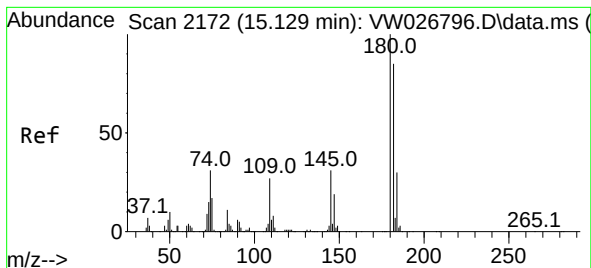
Tgt Ion: 75 Resp: 24332
 Ion Ratio Lower Upper
 75 100
 155 62.1 55.0 82.6
 157 83.9 77.8 116.6



#69
 1,3,5-Trichlorobenzene
 Concen: 9.776 ug/L
 RT: 14.629 min Scan# 2090
 Delta R.T. 0.006 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Tgt Ion:180 Resp: 103268
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.2 112.8
 184 29.9 23.8 35.8
 145 31.8 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 10.433 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

Instrument :

MSVOA_W

ClientSampleId :

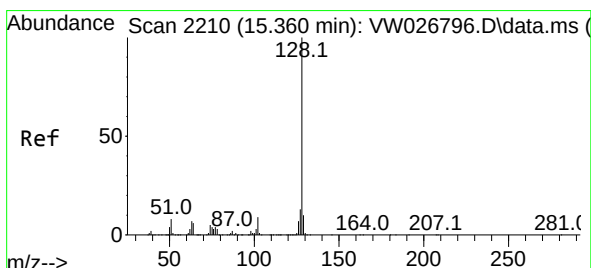
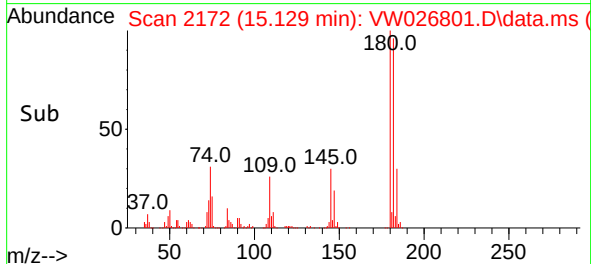
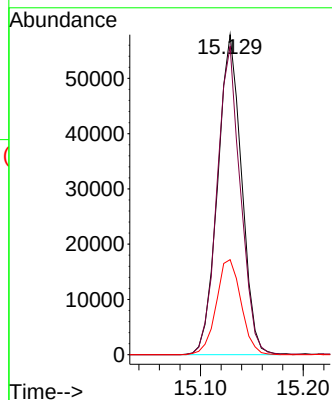
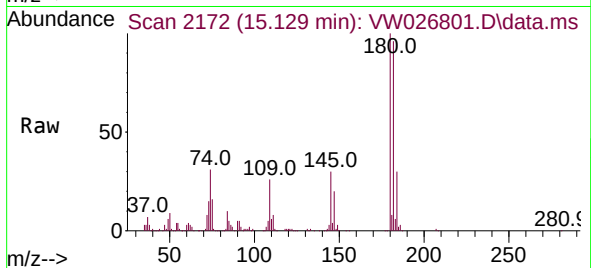
Tgt Ion:180 Resp: 93448

Ion Ratio Lower Upper

180 100

182 94.2 72.5 108.7

145 30.8 24.7 37.1



#71

Naphthalene

Concen: 14.538 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026801.D

Acq: 22 Aug 2023 15:25

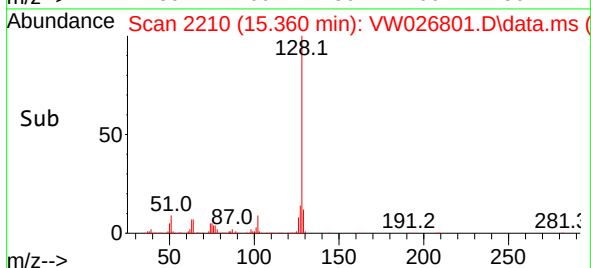
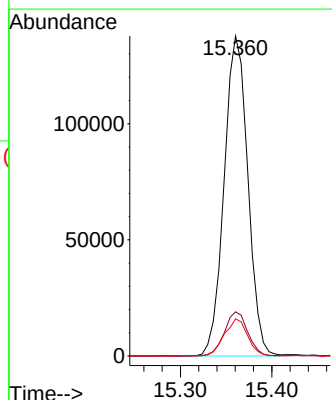
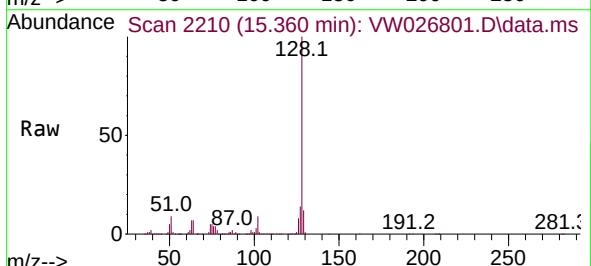
Tgt Ion:128 Resp: 248376

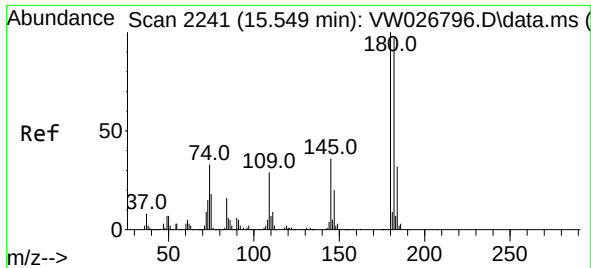
Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

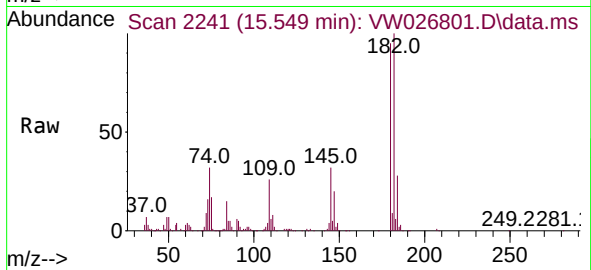
129 11.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 11.443 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026801.D
 Acq: 22 Aug 2023 15:25

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	92446
Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.6	112.0
145	33.2	27.0	40.6

